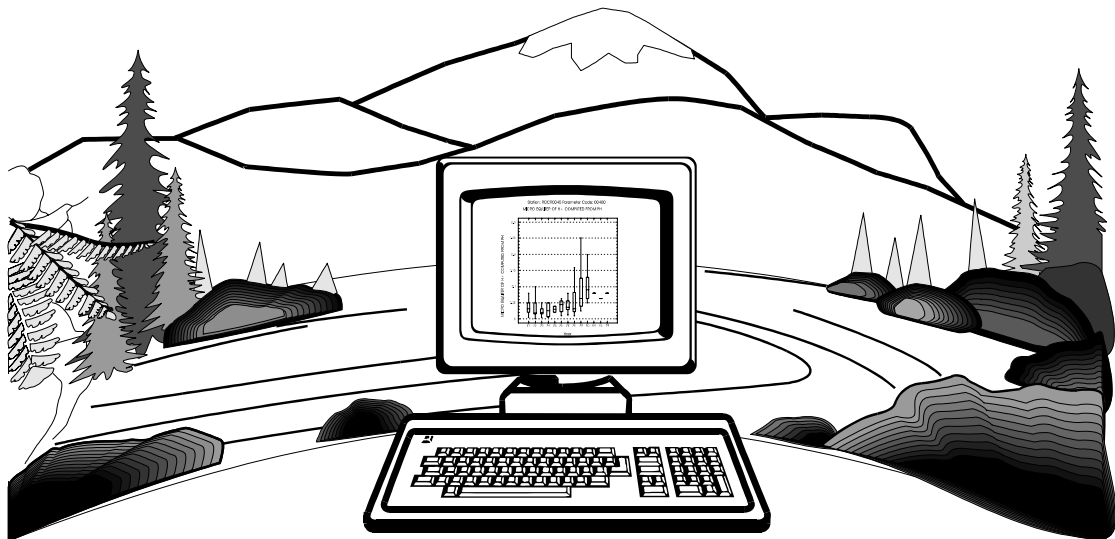


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# **BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS**

## Congaree Swamp National Monument



### **WATER RESOURCES DIVISION AND SERVICEWIDE INVENTORY AND MONITORING PROGRAM**



National Park Service - Department of the Interior  
Fort Collins - Denver - Washington

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**BASELINE WATER QUALITY DATA**  
**INVENTORY AND ANALYSIS**  
**CONGAREE SWAMP NATIONAL MONUMENT**

National Park Service  
Water Resources Division  
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-98/148

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## EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Congaree Swamp National Monument (COSW) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 46 industrial/municipal dischargers; seven drinking water intakes; 33 active or inactive U. S. Geological Survey (USGS) water gages (including climate, stream, and well); and 119 water impoundments. The results of the STORET retrieval for the study area yielded 168,018 observations for 959 separate parameters collected by the NPS, USGS, EPA, South Carolina Department of Health and Environmental Control (SCDHEC), and South Carolina Public Service Authority at 197 monitoring stations from 1954 to 1997. Of the 168,018 observations, approximately 53 percent were reported by the SCDHEC from 1960 to 1997. Of the 197 monitoring stations, 23 stations were located within the park boundary (see Station Period of Record Tabulation). Thirty-one stations within the study area (none within the park boundary) were established but contained no data.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-five stations within the study area (none within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Congaree River at U. S. Route 601 (COSW 0037); (2) Gills Creek at U. S. Route 76 (COSW 0152); (3) Gills Creek at SC State Route 48 (COSW 0158); (4) Congaree Creek at U. S. Route 21 at Cayce Water Intake (COSW 0169); and (5) Congaree River at Columbia, SC (COSW 0168)<sup>†</sup>.

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the COSW water quality criteria screen found 18 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, beryllium, cadmium, copper, lead, mercury, zinc, and chlorpyrifos exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrite plus nitrate, beryllium, cadmium, chromium, copper, lead, mercury, nickel, and methylene chloride exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria

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<sup>†</sup>Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

concentrations (total coliform, fecal coliform, and enterococci) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 13,894 times at 117 monitoring stations from 1960 to 1997. Of the 13,716 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 705 observations at 26 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1968 to 1997. Approximately 74 percent of the observations exceeding the criterion were reported during shallow depth sampling (less than six feet) from three stations, in Running Lake at the Southern Railroad Bridge (COSW 0045), the north side of Weston Lake (COSW 0067), and the north side of Wise Lake (COSW 0073), during 1996 and 1997.

The pH was measured 8,890 times at 116 monitoring stations from 1954 to 1997. Of the 8,708 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 4,008 observations at 100 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1954 to 1997. Two observations were greater than or equal to pH 9.0 and 4,006 observations were less than or equal to pH 6.5. The highest pH of 9.2 SU was reported in the Congaree River at Blossom Street in Columbia, SC (COSW 0165) in May 1990. The lowest pH of 1.6 SU was also reported in the Congaree River at Blossom Street in Columbia, SC (COSW 0164) in June 1972.

Turbidity was measured 4,117 times at 44 monitoring stations from 1963 to 1997. Two-hundred-eleven observations at 23 stations exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1968 to 1997. The highest concentration of 300 JTU was reported in Gills Creek at the State Route 48 Bridge (COSW 0158) in June 1969.

Total coliform concentrations were measured 143 times at 18 monitoring stations from 1960 through 1989. Of the 128 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 86 observations at 17 stations equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1960 through 1989. The highest value of 1,160,000 CFU/100 ml was reported in Gills Creek at Kilbourn Road in Columbia, SC (COSW 0156) in April 1967. Fecal coliform concentrations were measured 4,267 times at 67 monitoring stations from 1968 to 1997. Of the 3,645 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 1,273 observations at 53 stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1968 to 1997. The highest values of at least 240,000 MPN/100 ml and at least 240,000 CFU/100 ml were reported on the same day in Gills Creek at the State Route 48 Bridge (COSW 0158) in September 1971. Enterococci concentrations were measured 17 times at 16 monitoring stations during 1997. Thirteen observations at 12 stations exceeded the WRD bathing water screening criterion of 33 CFU/100 ml. The highest value of at least 2,400 CFU/100 ml was reported in Reeder Point Branch at the State Route 48 Bridge (COSW 0139) in July 1997.

Total residual chlorine concentrations were measured once in Gills Creek at the U. S. Route 76 Bridge (COSW 0152) in July 1973. The one concentration of 0.30 mg/L exceeded the acute freshwater criterion of 0.019 mg/L.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 4,932 times at 99 monitoring stations from 1971 to 1997. One total concentration of 16 mg/L in the Santee River, 0.2 kilometers upstream of the mouth of Broadwater Creek (COSW 0006), exceeded the drinking water criterion of 10 mg/L in September 1985.

Beryllium concentrations (including dissolved and total) were measured 16 times at four monitoring stations (COSW 0027, COSW 0071, COSW 72, COSW 0102) from 1985 through 1988. Four total concentrations of 10 micrograms per liter (µg/L) in Cedar Creek at the Cedar Creek Hunt Club (COSW 0071) and one dissolved concentration of 330 µg/L in the Santee River at Trezvant Landing (COSW 0027) exceeded the drinking water criterion of 4.0 µg/L from 1985 through 1988. The one dissolved concentration of 330 µg/L in the Santee River at Trezvant Landing (COSW 0027) also exceeded the acute freshwater criterion of 130 µg/L in August 1988.

Cadmium concentrations (including dissolved, suspended, and total) were measured 2,343 times at 50 monitoring stations from 1972 to 1997. Of the 925 observations used in the criteria analysis (see Composite Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 160 concentrations at 17 stations exceeded the acute freshwater criterion of 3.9 µg/L from 1972 through 1995. One-hundred-forty-two of these 160 concentrations also equaled or exceeded the drinking water criterion of 5.0 µg/L. Approximately 78 percent of the observations exceeding the criteria were reported from six stations southeast of the park boundary (COSW 0006, COSW 0010, COSW 0018, COSW 0019, COSW 0033, COSW 0037) from 1973 through 1995, including the highest concentration of 952 µg/L in the Congaree River at the U. S. Route 601 Bridge (COSW 0037) in December 1973.

Chromium concentrations (including dissolved, hexavalent, suspended, and total) were measured 2,292 times at 50 monitoring stations from 1970 to 1997. Of the 2,084 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 17 concentrations at six stations, in Gills Creek (COSW 0149, COSW 0152, COSW 0156, COSW 0158), the Congaree River at the U. S. Route 601 Bridge (COSW 0037), and Congaree Creek at the Cayce Water Treatment Plant intake (COSW 0169), equaled or exceeded the drinking water criterion of 100 µg/L from 1972 through 1980. Fifteen of the 17 observations exceeding the criterion were reported from the four stations in Gills Creek (COSW 0149, COSW 0152, COSW 0156, COSW 0158) from 1972 through 1978, including the highest concentration of 1,940 µg/L in Gills Creek in eastern Columbia, SC (COSW 0149) in April 1976.

Copper concentrations (including dissolved, suspended, and total) were measured 2,457 times at 51 monitoring stations from 1970 to 1997. Of the 2,249 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 380 observations at 22 stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1971 to 1997. The highest of these 380 concentrations, 4,860 µg/L reported in the Wateree River, 2.5 kilometers upstream of the confluence with the Congaree River (COSW 0018), also exceeded the drinking water criterion of 1,300 µg/L in April 1986. Approximately 61 percent of the observations exceeding the criteria were reported from two stations, in the Wateree River below Eastover (COSW 0024) and the Congaree River at the U. S. Route 601 Bridge (COSW 0039), from 1989 through 1991.

Lead concentrations (including dissolved, suspended, and total) were measured 2,499 times at 51 monitoring stations from 1970 to 1997. Of the 2,243 observations used in the criteria analysis (see Composite Type Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 262 observations at 20 stations equaled or exceeded the drinking water criterion of 15 µg/L from 1974 through 1996. Twenty-four of these 262 concentrations also exceeded the acute freshwater criterion of 82 µg/L. Approximately 73 percent of the observations exceeding the criteria were reported from seven stations southeast of the park boundary (COSW 0006, COSW 0010, COSW 0018, COSW 0019, COSW 0033, COSW 0037, COSW 0039) from 1974 through 1996. The highest concentration of 260 µg/L was reported in the Congaree River at Blossom Street in Columbia, SC (COSW 0164) in July 1980.

Mercury concentrations (including dissolved, suspended, and total) were measured 1,749 times at 45 monitoring stations from 1972 to 1997. Of the 1,541 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 38 total concentrations at 11 stations equaled or exceeded the drinking water criterion of 2.0 µg/L from 1972 through 1990. Twenty-three of these 38 concentrations also exceeded the acute freshwater criterion of 2.4 µg/L. Approximately 59 percent of the observations exceeding the criteria were reported from four stations in Gills Creek (COSW 0149, COSW 0152, COSW 0156, COSW 0158) from 1972 through 1989. The highest concentration of 70 µg/L was reported twice, in Mill Creek at the spillway near County Road 404 (COSW 0124) and Gills Creek at the State Route 48 Bridge (COSW 0158), in February 1972.

Nickel concentrations (including dissolved and total) were measured 2,229 times at 40 monitoring stations from 1970 to 1997. Of the 2,021 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), nine concentrations, ranging from 100 µg/L to 360 µg/L, at seven stations, in the Congaree River (COSW 0033, COSW 0037, COSW 0164, COSW 0165), Gills Creek at the U. S. Route 76 Bridge (COSW 0152), Broadwater Creek, 2.0 kilometers upstream of the confluence with the Santee River (COSW 0010), and Rowell Creek (COSW 0114), equaled or exceeded the drinking water criterion of 100 µg/L from 1974

through 1995. The highest concentration of 360 µg/L was reported in the Congaree River at Blossom Street in Columbia, SC (COSW 0164) in December 1974.

Zinc concentrations (including dissolved, suspended, and total) were measured 2,257 times at 43 monitoring stations from 1973 to 1997. Of the 2,049 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 84 concentrations at 16 stations equaled or exceeded the acute freshwater criterion of 120 µg/L from 1977 to 1997. The highest concentration of 4,000 µg/L was reported in the Congaree River at the U. S. Route 601 Bridge (COSW 0037) in March 1980.

Total methylene chloride concentrations were measured 78 times at 24 monitoring stations from 1988 to 1997. Of the 77 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one concentration of 16.2 µg/L in the Congaree River at Blossom Street in Columbia, SC (COSW 0165) exceeded the drinking water criterion of 5.0 µg/L in March 1997.

Dissolved chlorpyrifos concentrations were measured 77 times at 21 monitoring stations during 1996 and 1997. Of the 71 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one concentration of 0.10 µg/L in Gills Creek in eastern Columbia, SC (COSW 0154) exceeded the acute freshwater criterion of 0.083 µg/L in March 1996.

The IDEA conducted for COSW indicates that STORET data exist for all 13 Level I parameter groups in the study area. For all 13 groups, at least 51 percent of the observations were recorded since 1985. Data for eight groups (Alkalinity, Conductivity, Flow, Clarity/Turbidity, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements) were recorded at less than half of the 166 monitoring stations with data. Relative to other parameter groups, data were limited for the groups Conductivity, Chlorophyll, and Sulfates/Total Dissolved Solids/Hardness. Results for 116 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, pesticides, and PCBs) were retrieved from STORET. Of the 166 monitoring stations with data, seven stations, monitored by the SCDHEC, measured only chlorophyll-a and three stations, monitored by the SCDHEC, measured only fish tissue samples.

Surface water resources in the COSW study area include the Congaree, Wateree, and Santee Rivers; Congaree, Wateree, and other swamps and wetland areas; Weston Lake Dam at Fort Jackson and numerous other reservoirs; Cedar, Toms, Gills, Congaree, and many other creeks; and numerous oxbow and other natural lakes and ponds. Biologically diverse, the Congaree Swamp area is home to many species of plants, animals, and fish, including one endangered species, the red-cockaded woodpecker. The data inventories and analyses contained in this report indicate that surface waters within the study area have been impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; urban and residential development; stormwater runoff; agricultural and silvicultural operations; quarrying operations; recreational use; landfill operations; atmospheric deposition; and military operations.

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## **INTRODUCTION**

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

### **Goal**

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

### **Purpose**

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

### **Objectives**

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;
2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;
4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;
5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and
6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

## **Document Overview**

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+<sup>1</sup> format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

## **Caveats**

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses<sup>2</sup> and with the Servicewide Inventory and

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<sup>1</sup>The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

<sup>2</sup>The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

## **Key Personnel**

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

### National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Mike Matz coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Donnie Dustin and Greg Harp helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Brian Verbeck, Robert Flynn, and Dawn Grandbois provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, Mary Beth Talty, Curtis Cooper, Paul McElvery, J. Chris Echohawk, Kristie Maczko, Adam Henson, Shawndra Mawhorter, Lisa Smith, Eric Janney, and Ryan Shy uploaded water quality data to STORET prior to report preparation.

Jacque Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.

## METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

### Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

### Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STORage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million



(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

### **Data Retrieval and Analysis Procedures**

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

- (1) Reformat the data into DBASE III+ format and other database structures;
- (2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
- (3) Display on a map the location of water quality monitoring stations and other water resources themes;
- (4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
- (5) Generate descriptive period-of-record water quality statistics in a tabular format;
- (6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
- (7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
- (8) Compare the water quality data against relevant EPA national criteria; and

- (9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

### **Park Unit Databases**

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

- (A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.
- (B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.
- (C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.
- (D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.
- (E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.
- (F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.
- (G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

## **Screening Methodologies and Procedures**

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied.* Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

### **STORET Edit Criteria**

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):							
Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

#### Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

#### Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

##### Station Types Included In Retrieval

- (a) STREAM
- (b) CANAL
- (c) LAKE
- (d) RESERV (Reservoir)
- (e) SPRING
- (f) FWTLND (Fresh Water Wetland)
- (g) SWTLND (Salt Water Wetland)
- (h) ESTURY (Estuary)
- (i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

### Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

<u>Code</u>	<u>STORET Administrative Parameter Description</u>
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

### Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

### Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

<u>Media Screen</u>	<u>Description</u>
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

### Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

*Elimination:*

Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:	
Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

*Modification/Inclusion:*

Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	Description of STORET Remark Code
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

#### Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes	
Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
\$	Accuracy
B	N/A
D	Indicates Replicate Sample

### Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.



Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	STORET Parameter Description
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

#### Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

<p>Time Series:</p> <p>To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations.</p> <p>Annual Analysis:</p> <p>To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
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The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

<p>Annual Analysis:</p> <p>For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
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## Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

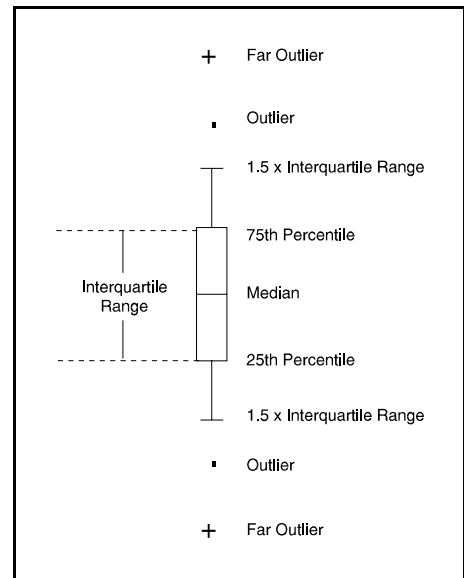
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



## **INTERPRETIVE GUIDE TO WATER QUALITY RESULTS**

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

### **Overview**

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

### **Regional Location Map**

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

### **Water Quality Monitoring Locations Map(s)**

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

### **Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)**

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

### **Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table**

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

### **Representative Mean Annual Hydrograph for Seasonal Analysis**

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

- (1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

- (2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.
- (3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

### **Contacts for Agency Codes Retrieved**

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Quantity of Data Retrieved by Agency Code**

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station Period of Record Tabulation**

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Parameter Period of Record Tabulation**

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station/Parameter Period of Record Tabulation**

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

### **Station-By-Station Results**

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.



### *Station Inventory for Station*

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

### *Parameter Inventory for Station*

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (\*\*) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from  $\mu\text{eq/l H}^+$ ; and (3)  $\mu\text{eq/l H}^+$ . The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to  $\mu\text{eq/l H}^+$  (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as  $\mu\text{eq/l H}^+$ , the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

### *EPA Water Quality Criteria Analysis for Station*

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

#### *Time Series Plots for Station*

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

#### *Annual Analysis for Station*

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

#### *Annual Box-and-Whiskers Plots for Station*

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH,  $\mu\text{eq/l H}^+$  are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

#### *Seasonal Analysis for Station*

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

### *Seasonal Box-and-Whiskers Plots for Station*

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH,  $\mu\text{eq/l H}^+$  are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

### **EPA Water Quality Criteria Analysis for Entire Park Study Area**

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

### **NPS Servicewide Inventory and Monitoring Program**

#### **Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)**

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

<p><u>Required Parameter Groups:</u></p> <p>(1) Alkalinity</p> <p>(2) pH</p> <p>(3) Conductivity</p> <p>(4) Dissolved Oxygen</p> <p>(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)</p> <p>(6) Temperature</p> <p>(7) Flow</p> <p><u>Case-By-Case Parameters Groups:</u></p> <p>(8) Toxic Elements</p> <p>(9) Clarity/Turbidity</p> <p>(10) Nitrate/Nitrogen</p> <p>(11) Phosphate/Phosphorus</p> <p>(12) Chlorophyll</p> <p>(13) Sulfates</p> <p>(14) Bacteria</p>
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The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

### **Water Quality Observations Outside STORET Edit Criteria for Park**

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

## **WATER QUALITY RESULTS**





## OVERVIEW FOR COSW

### Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	<u>Study Area</u>	<u>Park</u>
GIS Estimated Acreage:	455294	21596
# STORET Stations:	197	23
# Stations With No Data:	31	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	35	0
Date of STORET Retrieval:	10/31/97	10/31/97
Period of Record:	05/12/54-08/19/97	06/18/85-07/15/97
# Parameters Measured:	959	179
# Water Quality Observations:	168018	23110
# Industrial/Municipal Facilities:	46	0
# Drinking Water Intakes:	7	0
# Water Gages:	33	10
# Water Impoundments:	119	0
# Total Plots:	139	0
# Time Series:	24	0
# Annual:	45	0
# Seasonal:	70	0

### Hydrologic Definition of Seasons:

1. July 1 - November 15
2. November 16 - March 31
3. April 1 - June 30

### Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 25 years and at least 160 observations.

### Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 18 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

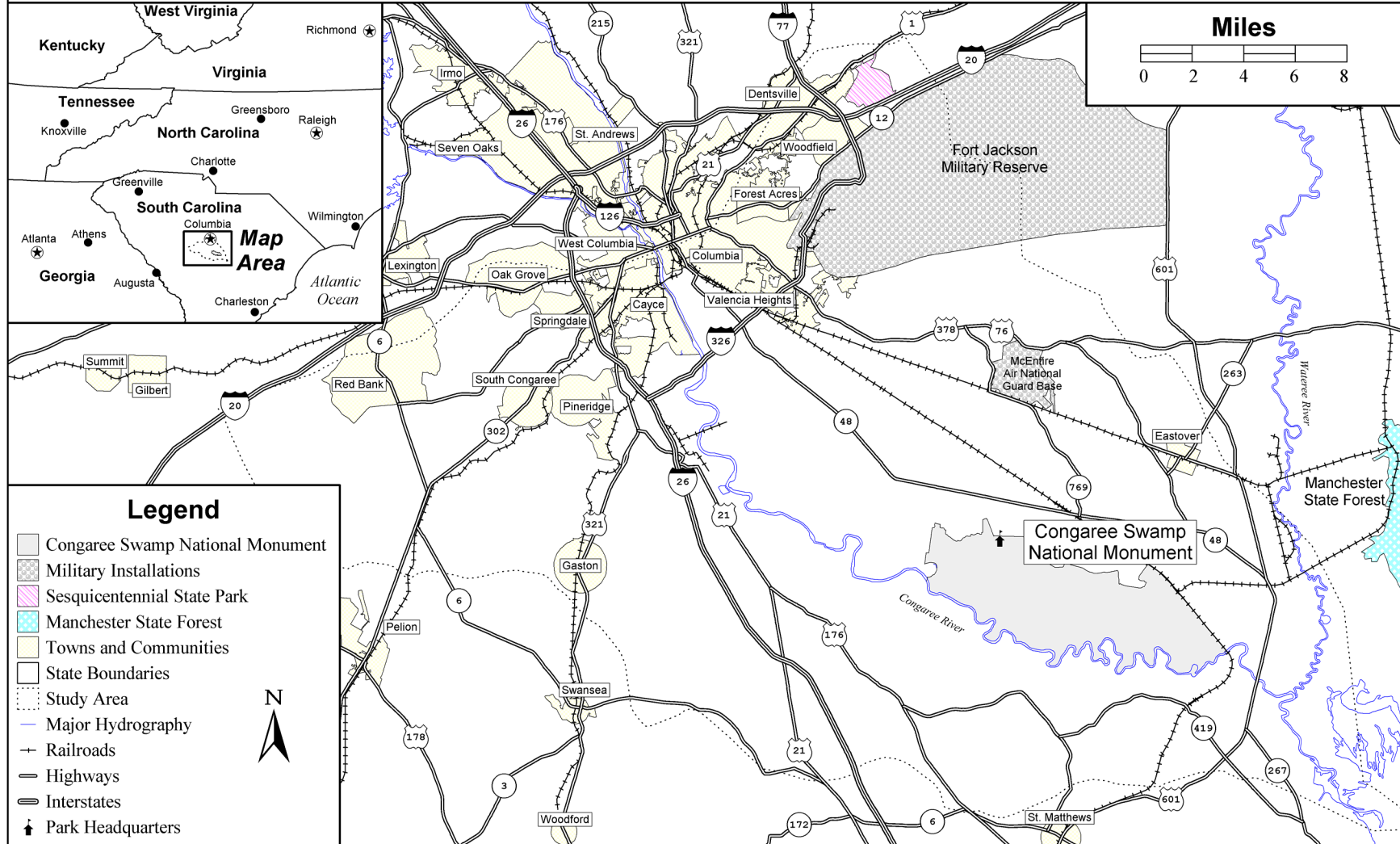
### Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 25 years and observations in at least 4 of the 25 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

# Congaree Swamp National Monument

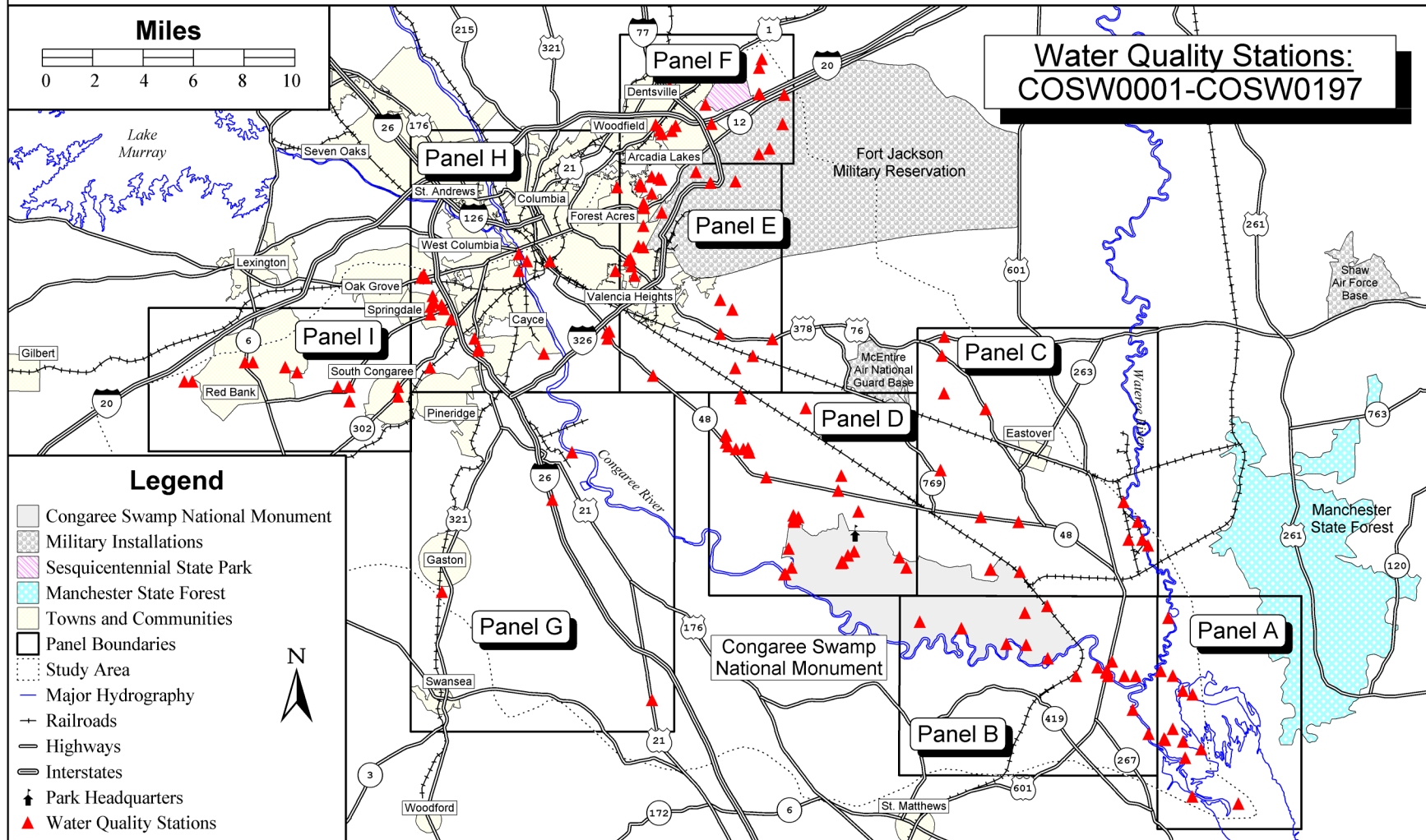
## Regional Location Map



# Congaree Swamp National Monument

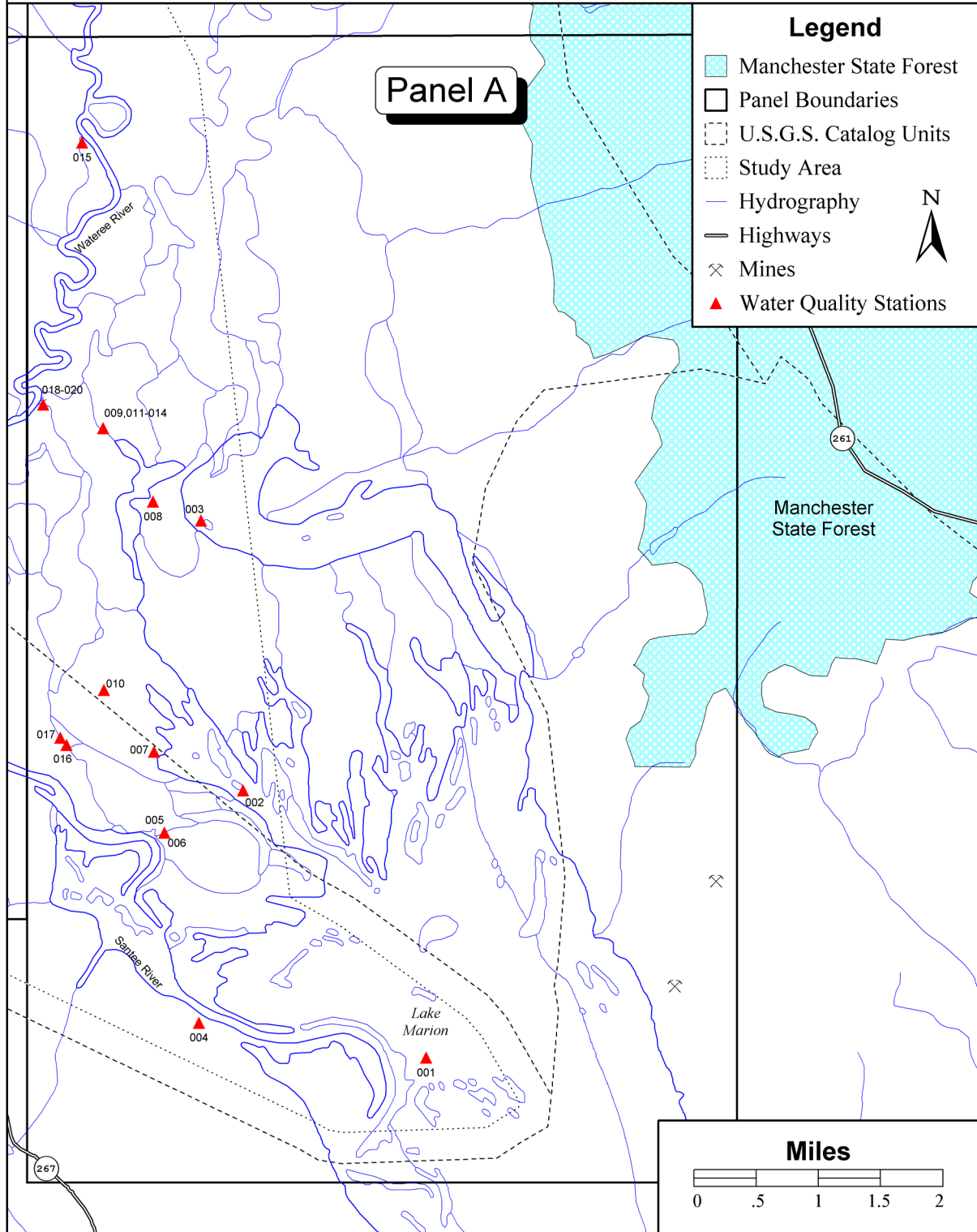
## Water Quality Monitoring Locations

### Graphic Panel Index



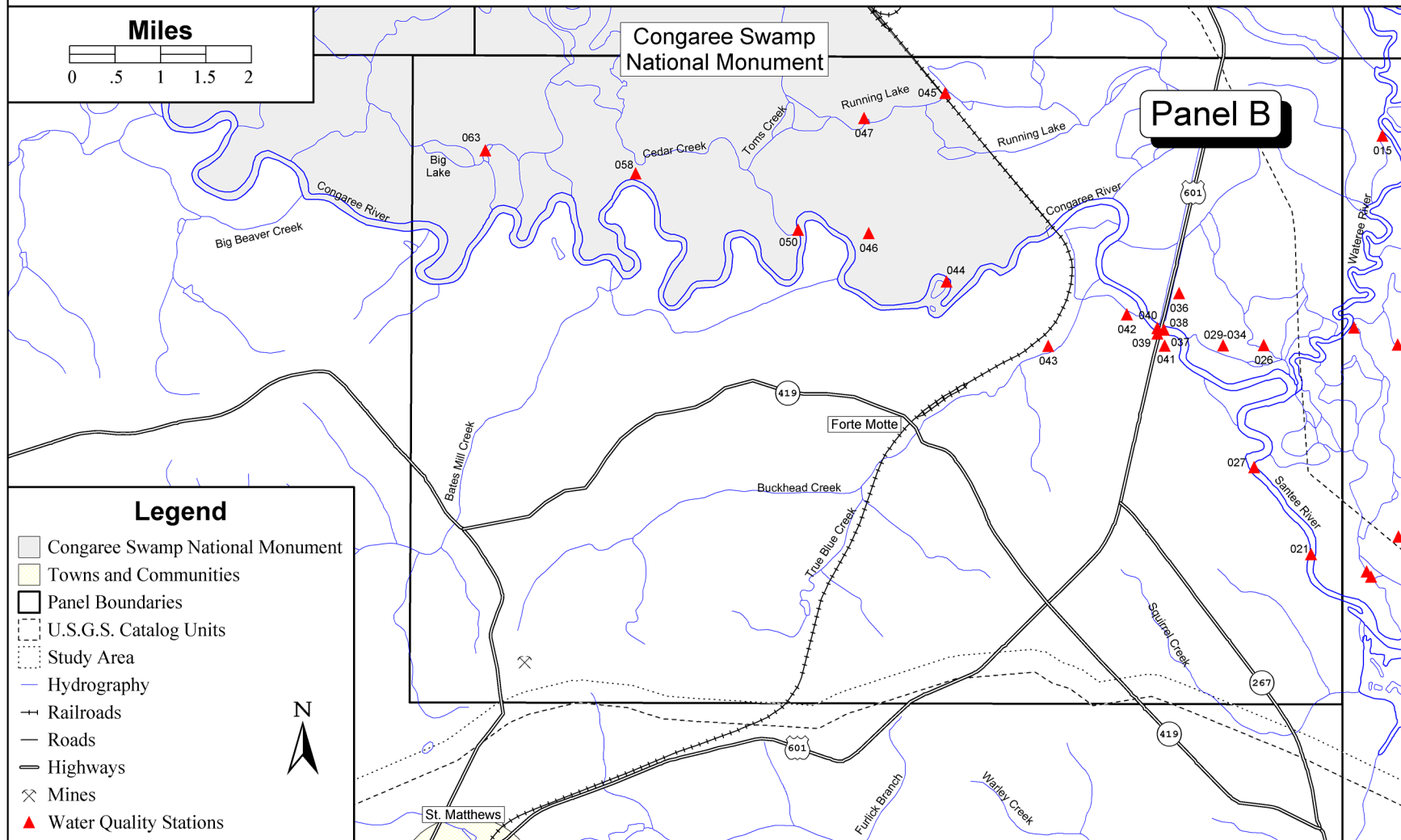
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



# Congaree Swamp National Monument

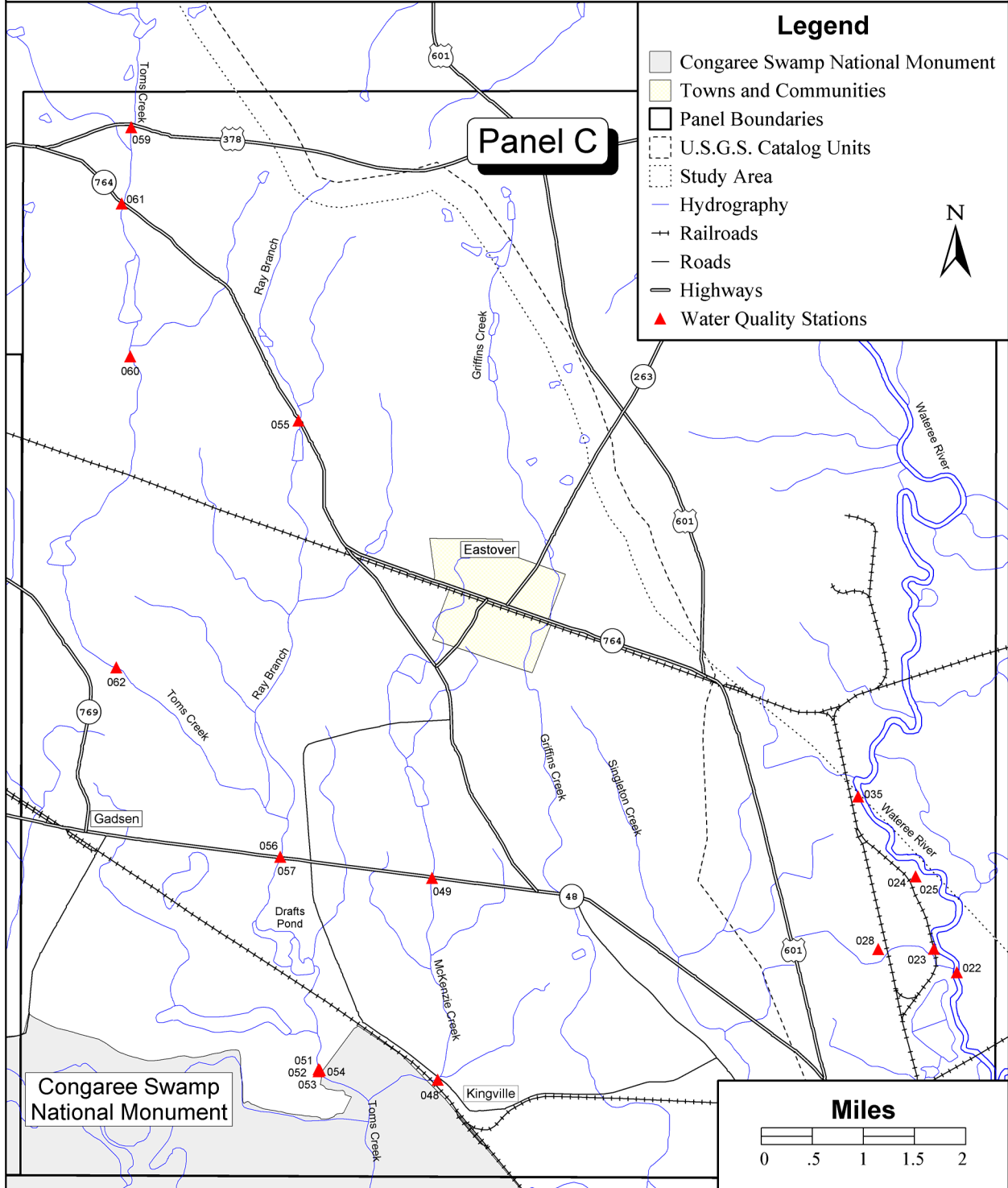
## Water Quality Monitoring Locations





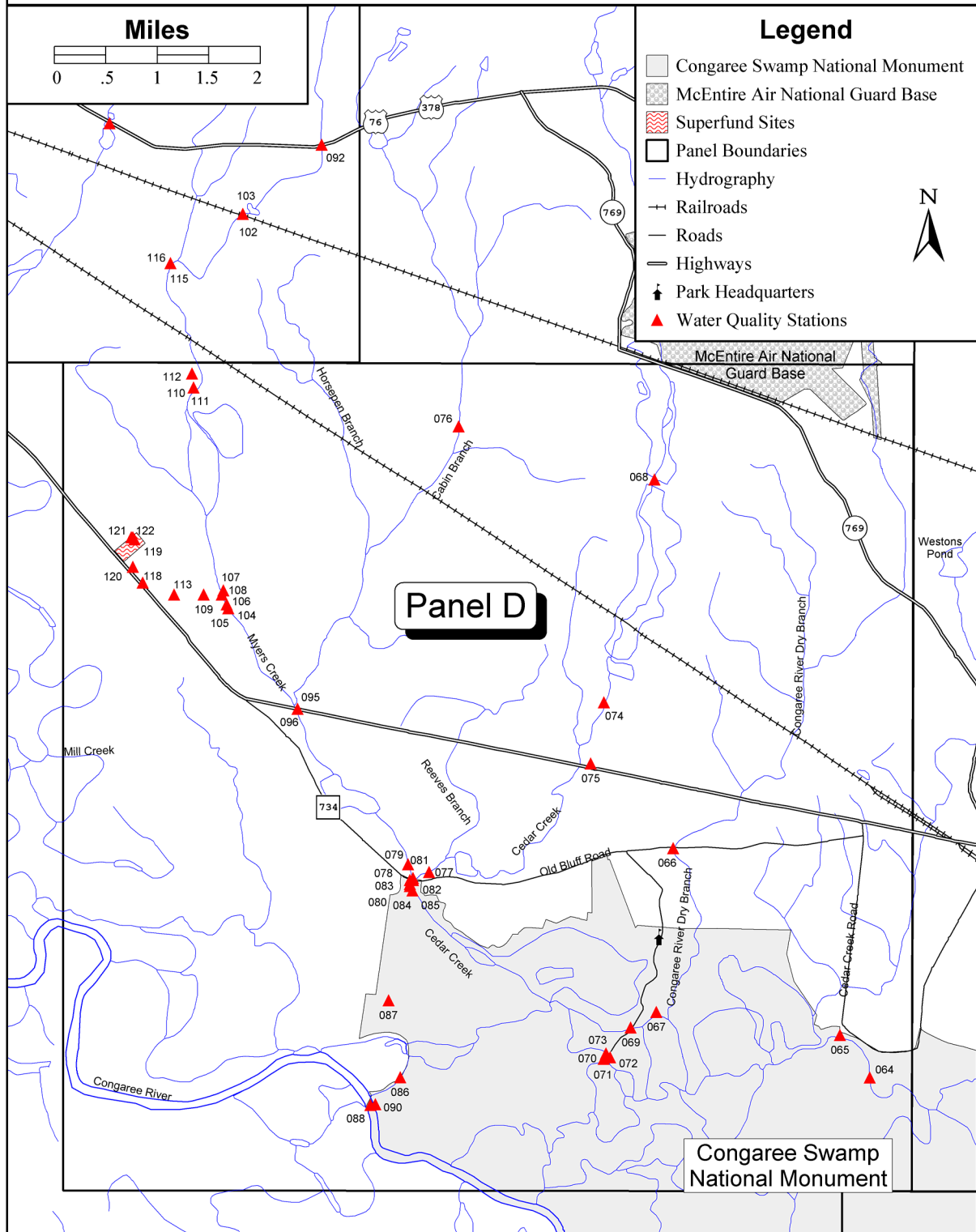
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



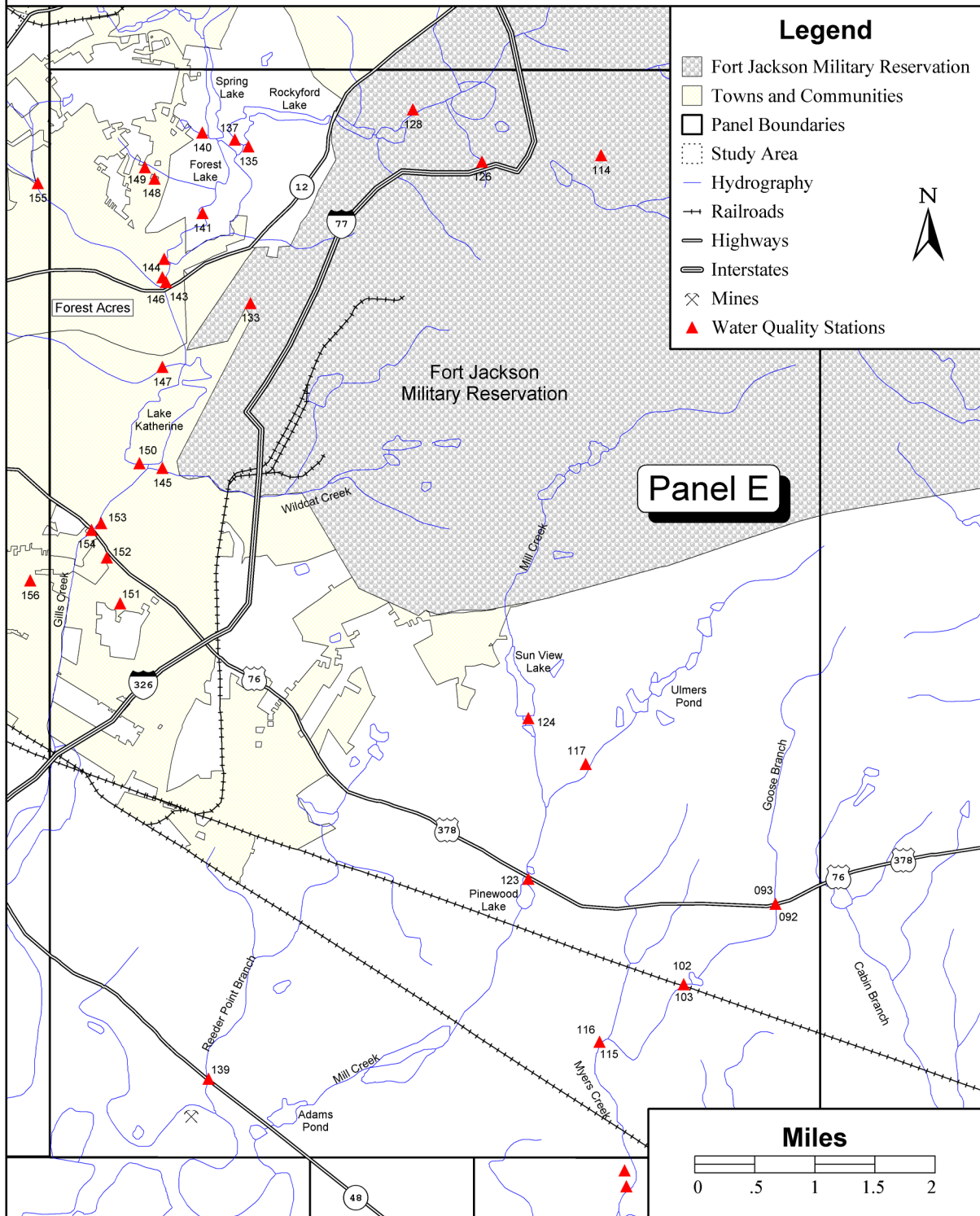
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



# Congaree Swamp National Monument

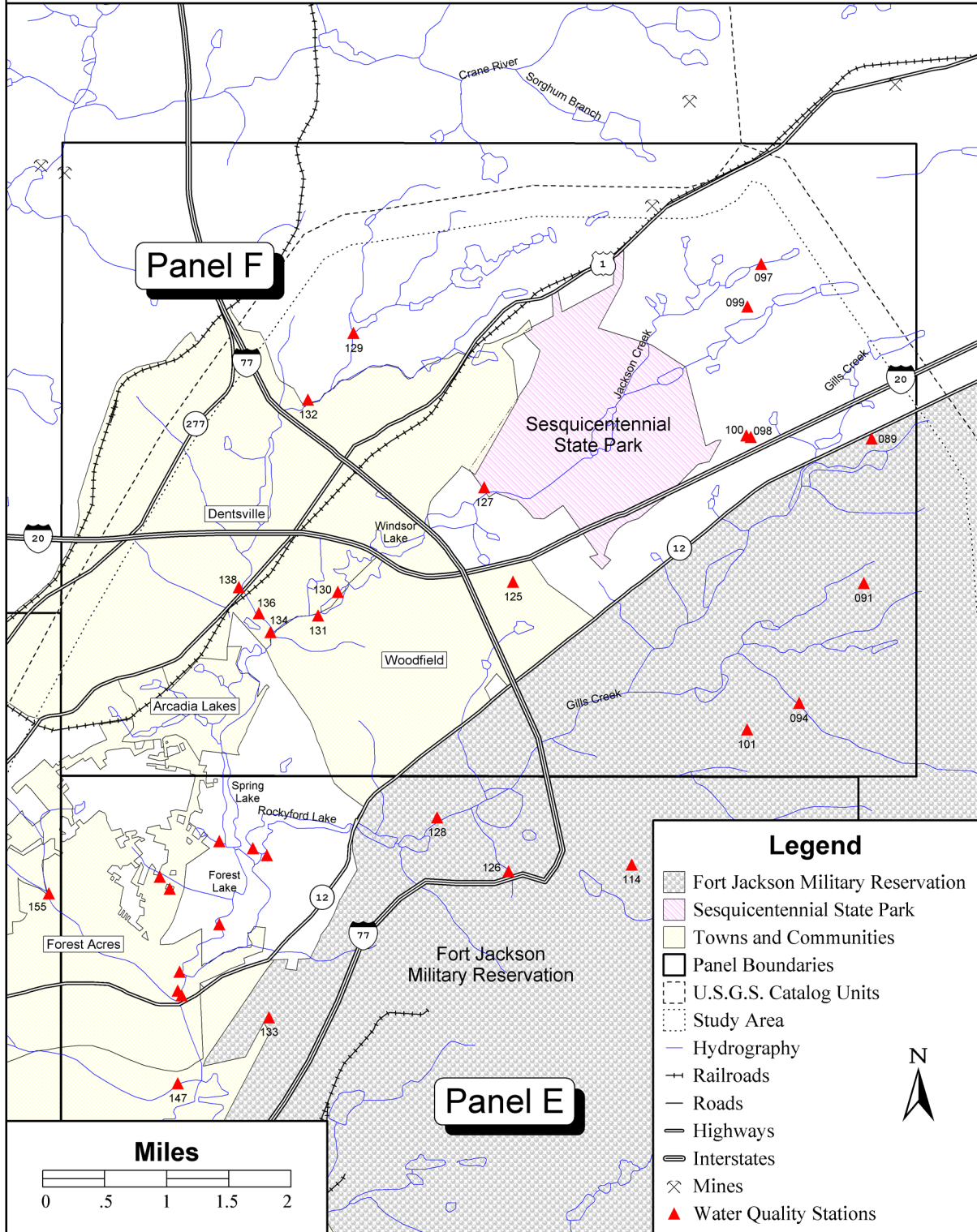
## Water Quality Monitoring Locations





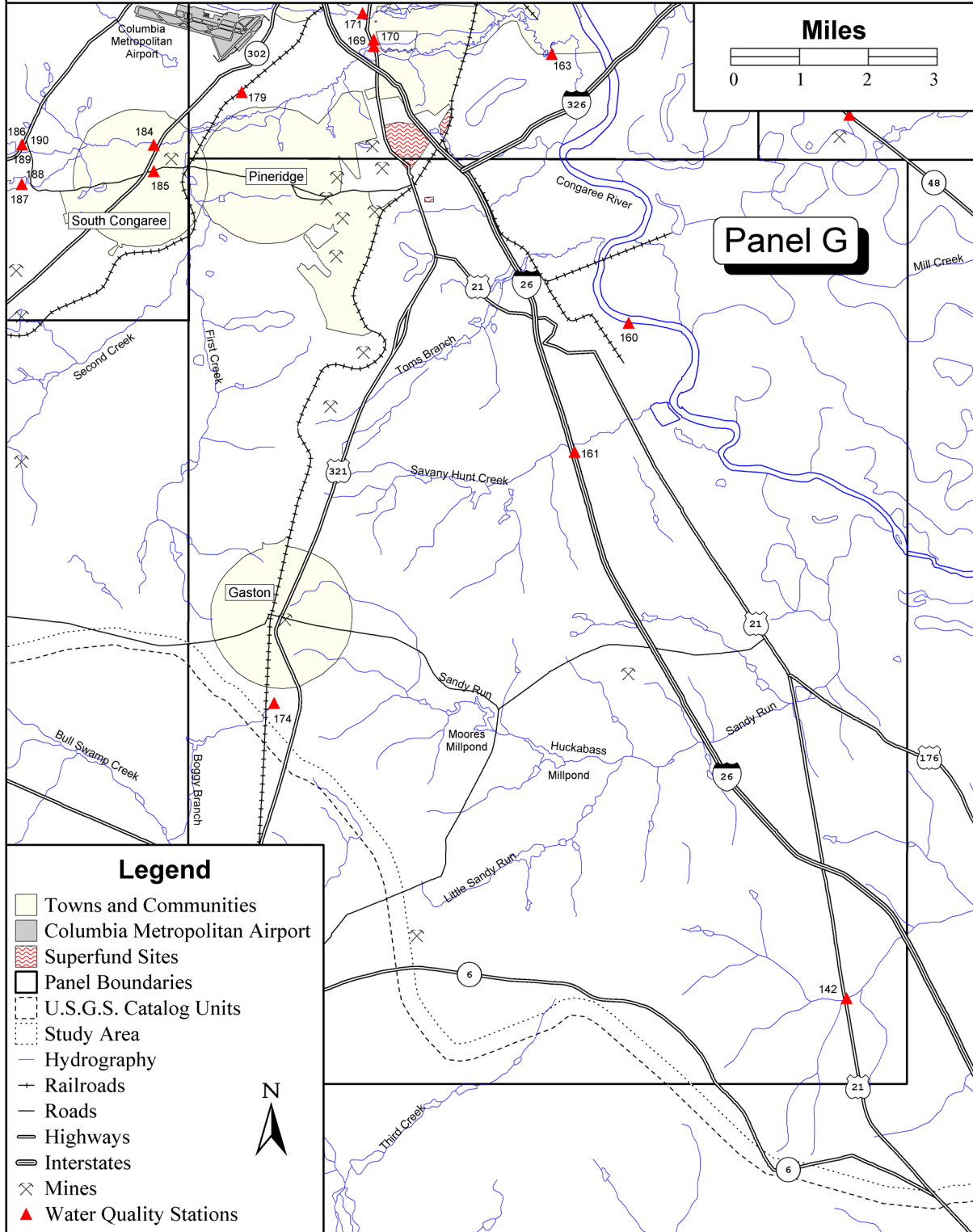
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



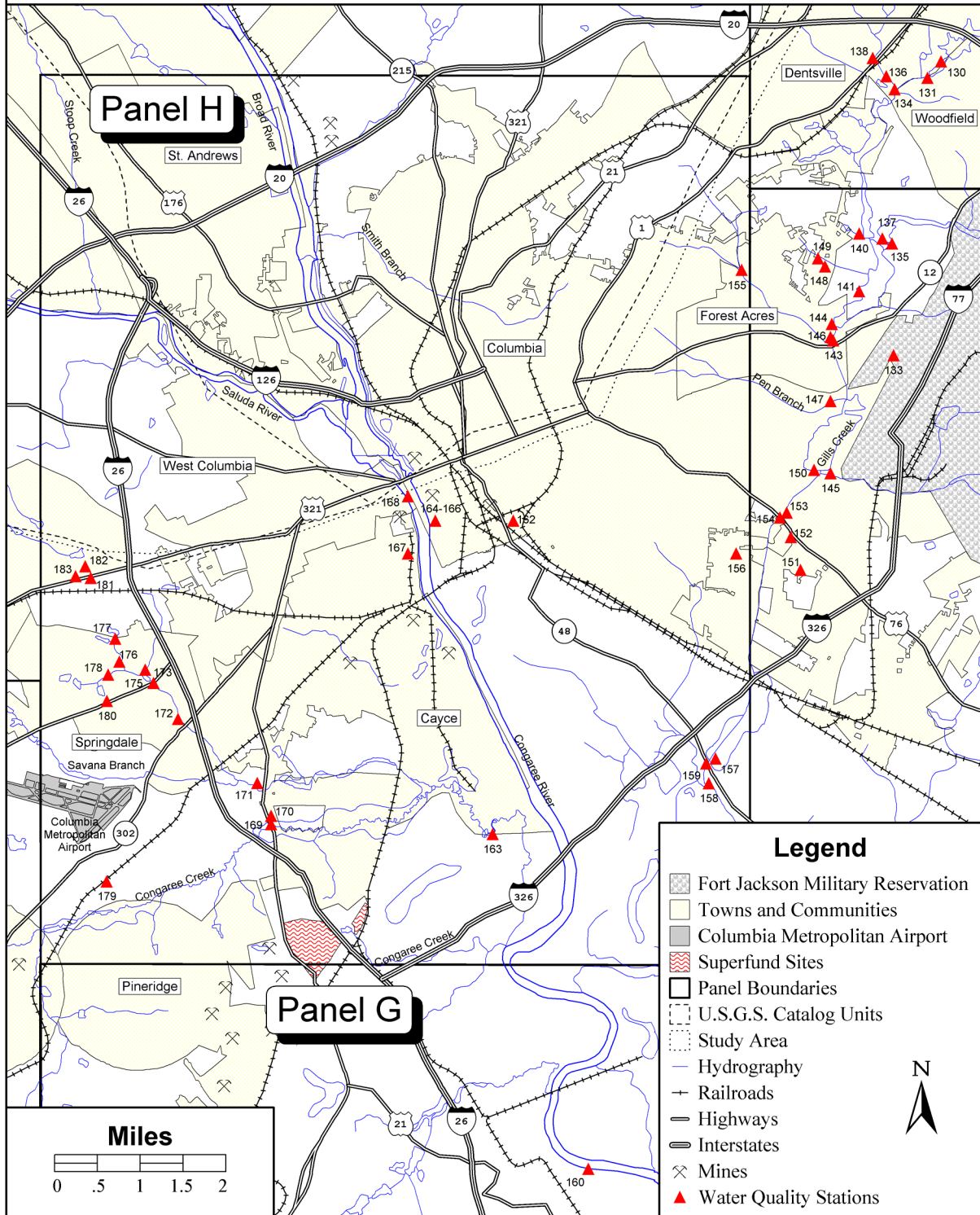
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



# Congaree Swamp National Monument

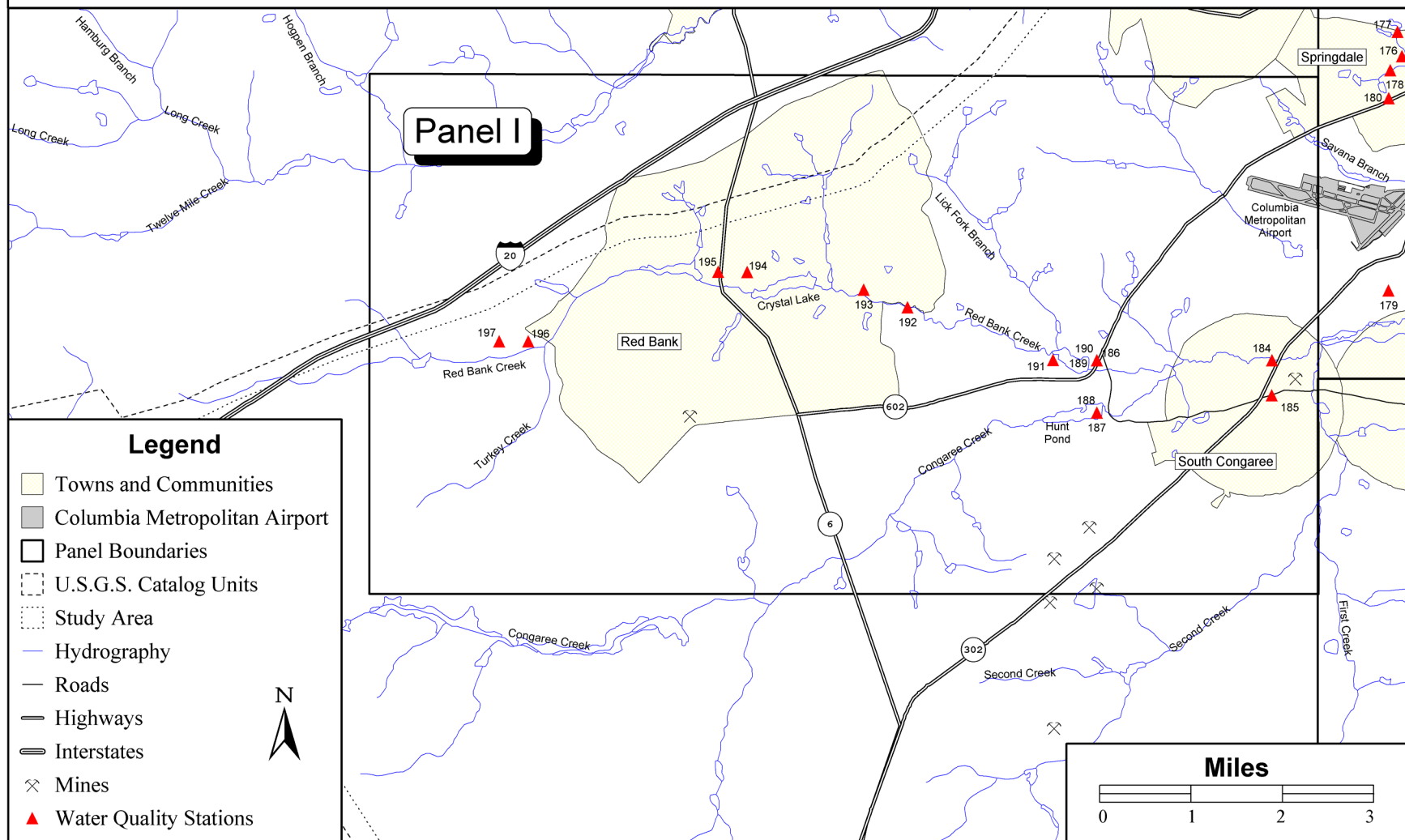
## Water Quality Monitoring Locations





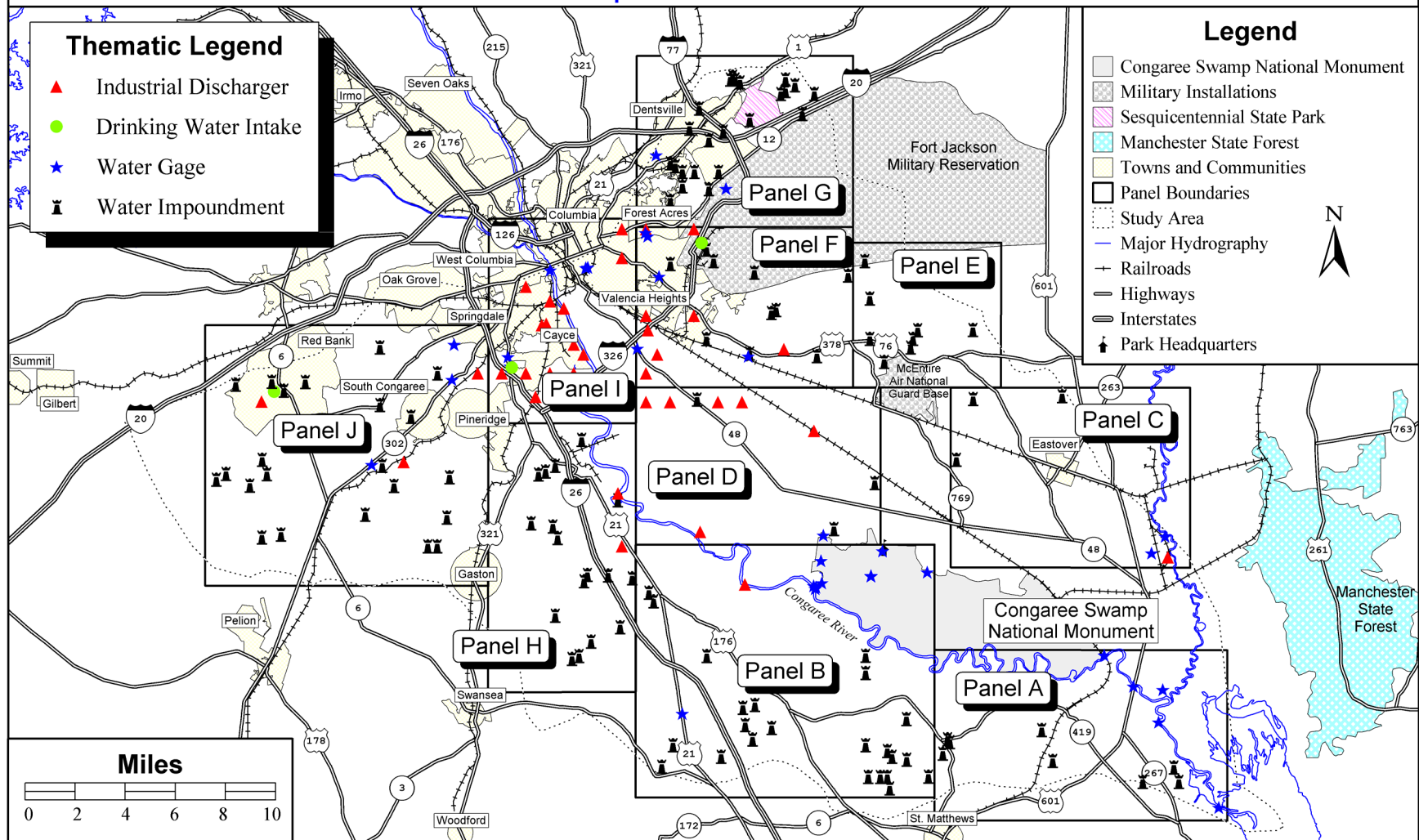
# Congaree Swamp National Monument

## Water Quality Monitoring Locations



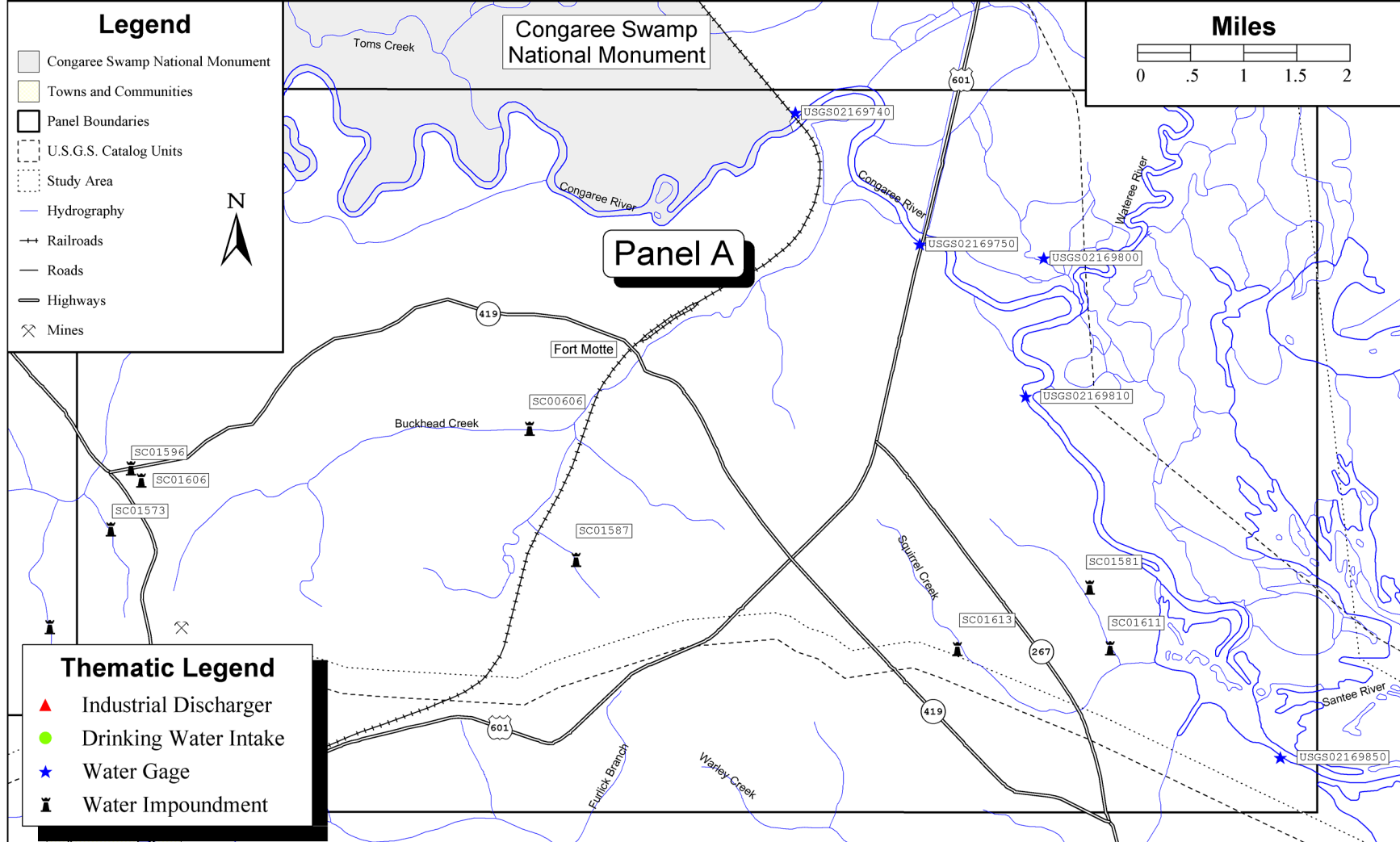
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments Graphic Panel Index



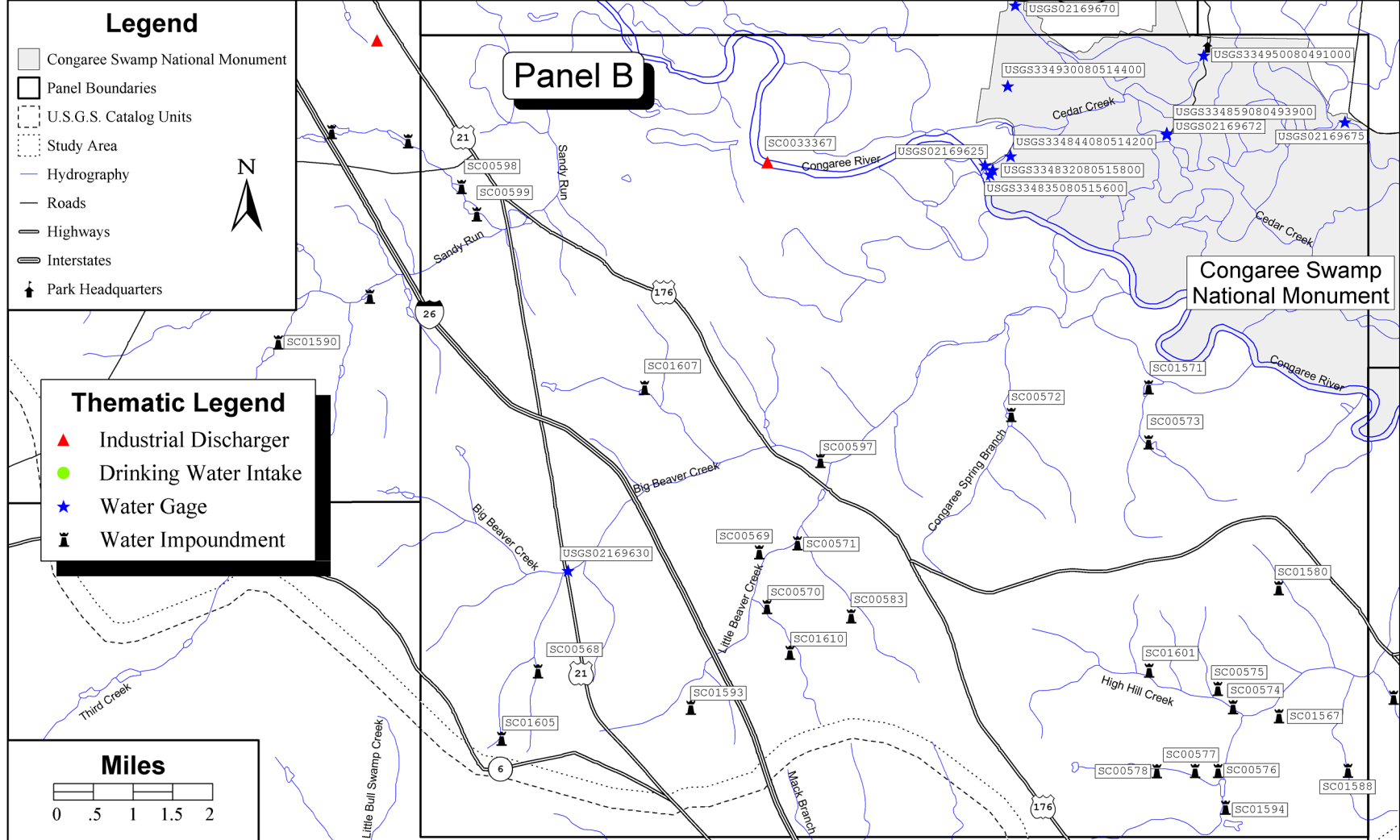
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



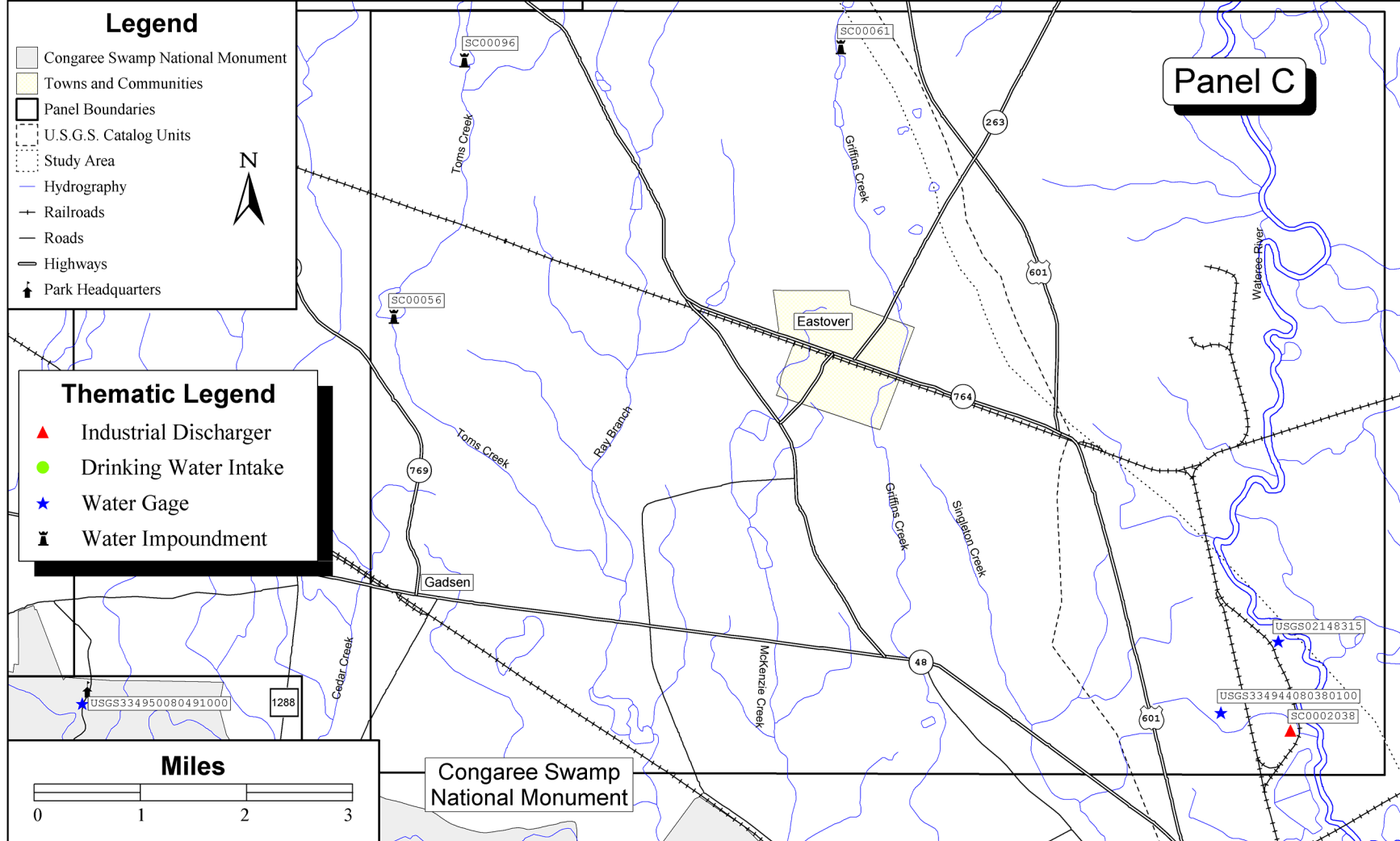
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



# Congaree Swamp National Monument

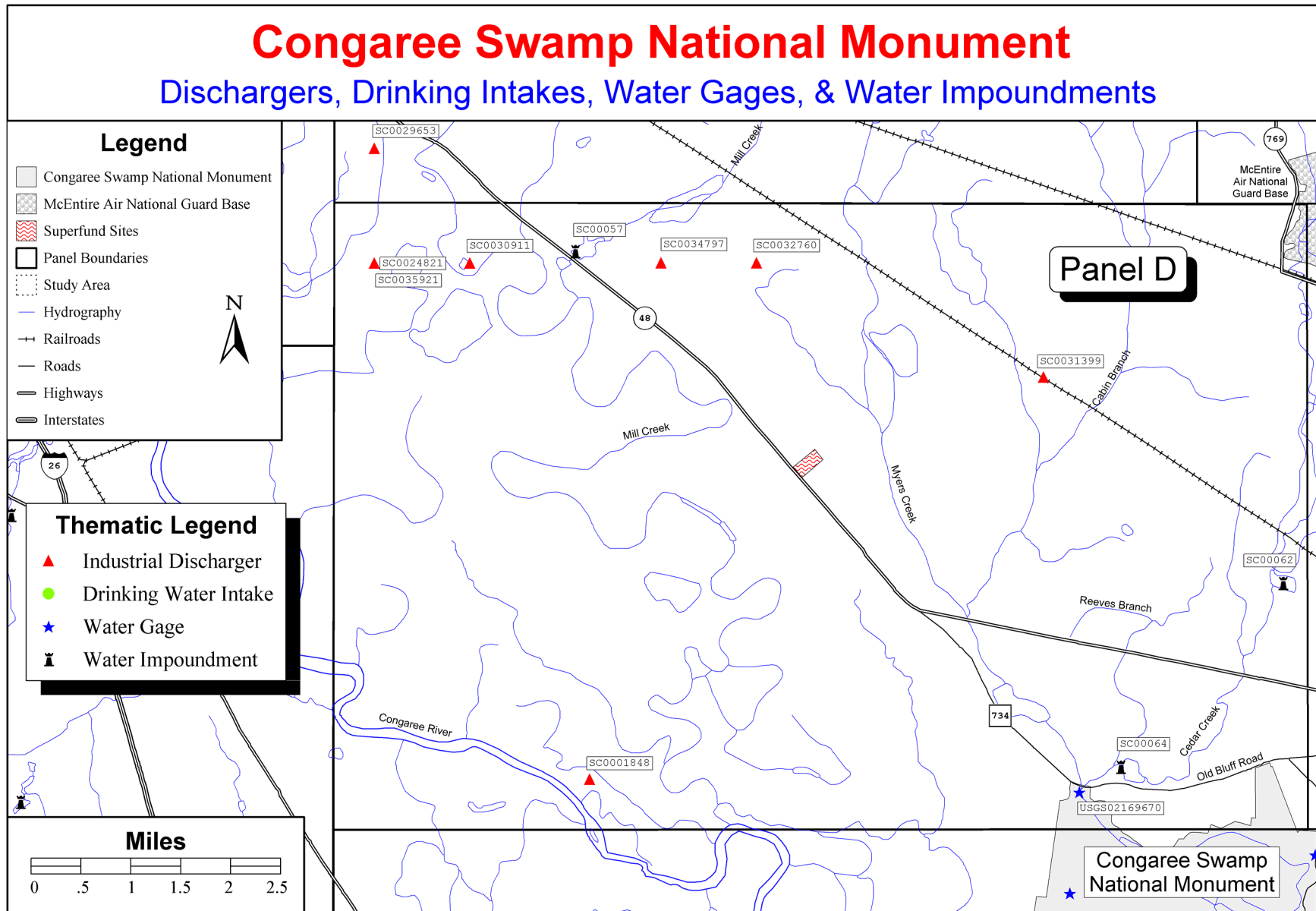
## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments





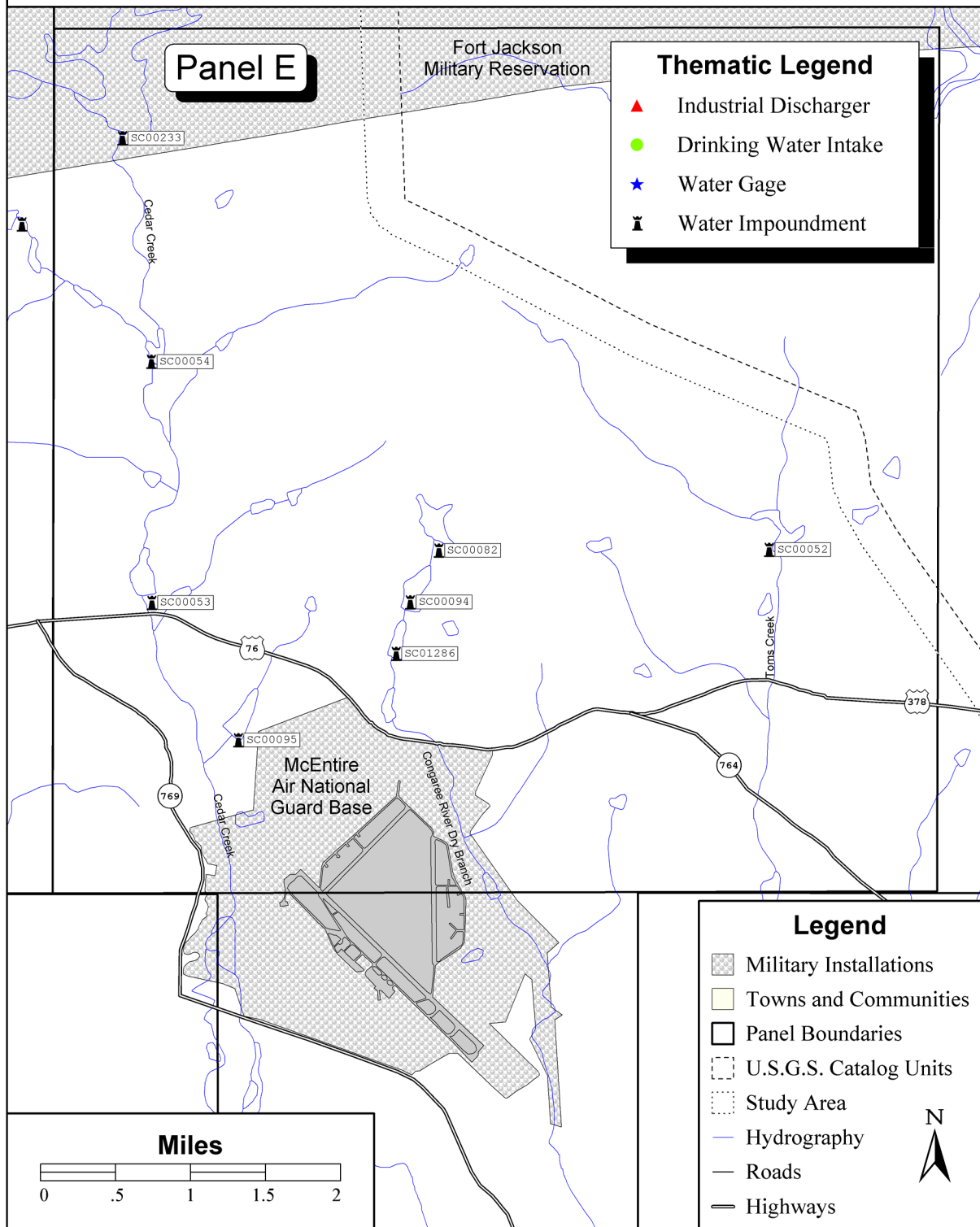
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



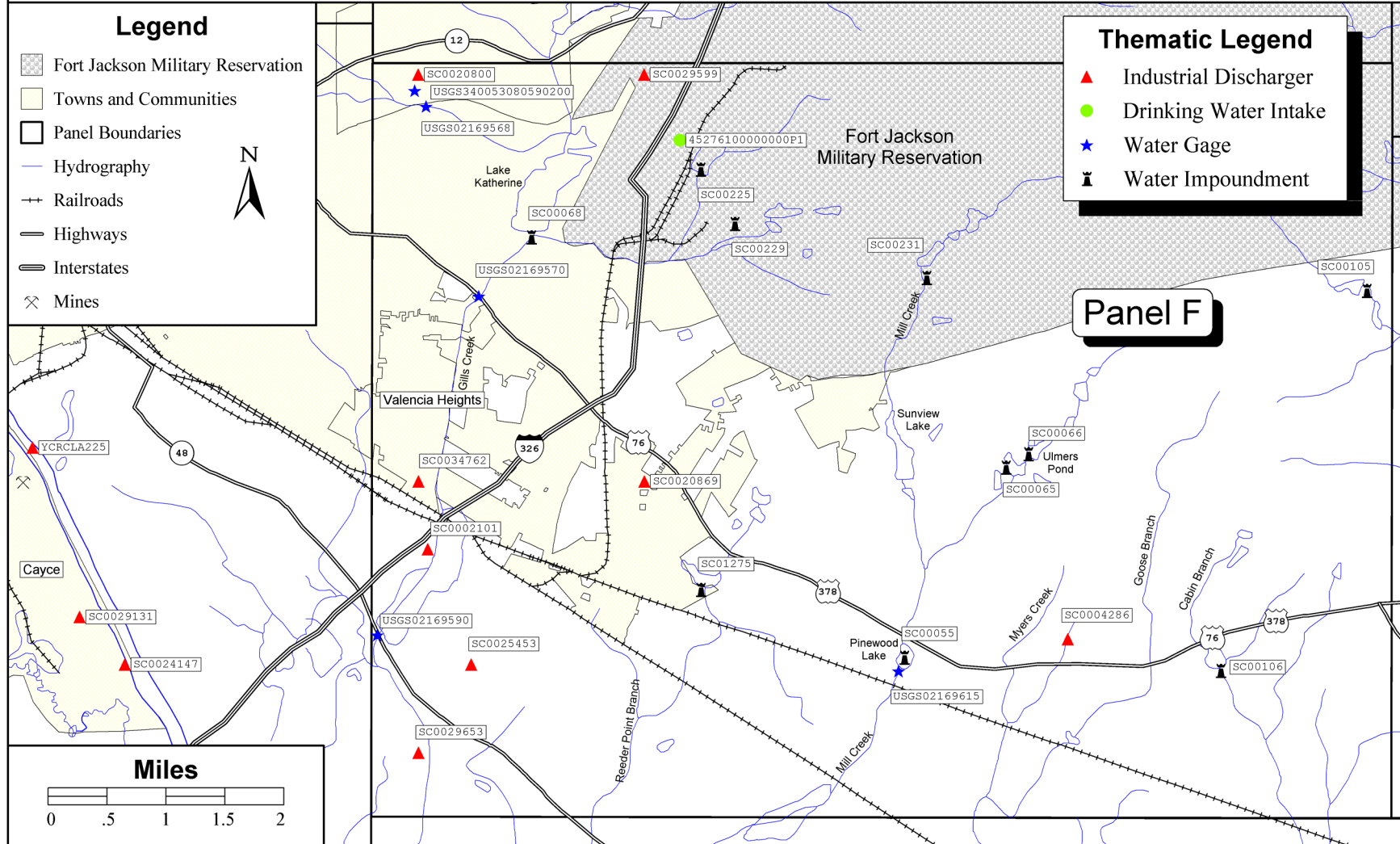
# Congaree Swamp National Monument

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



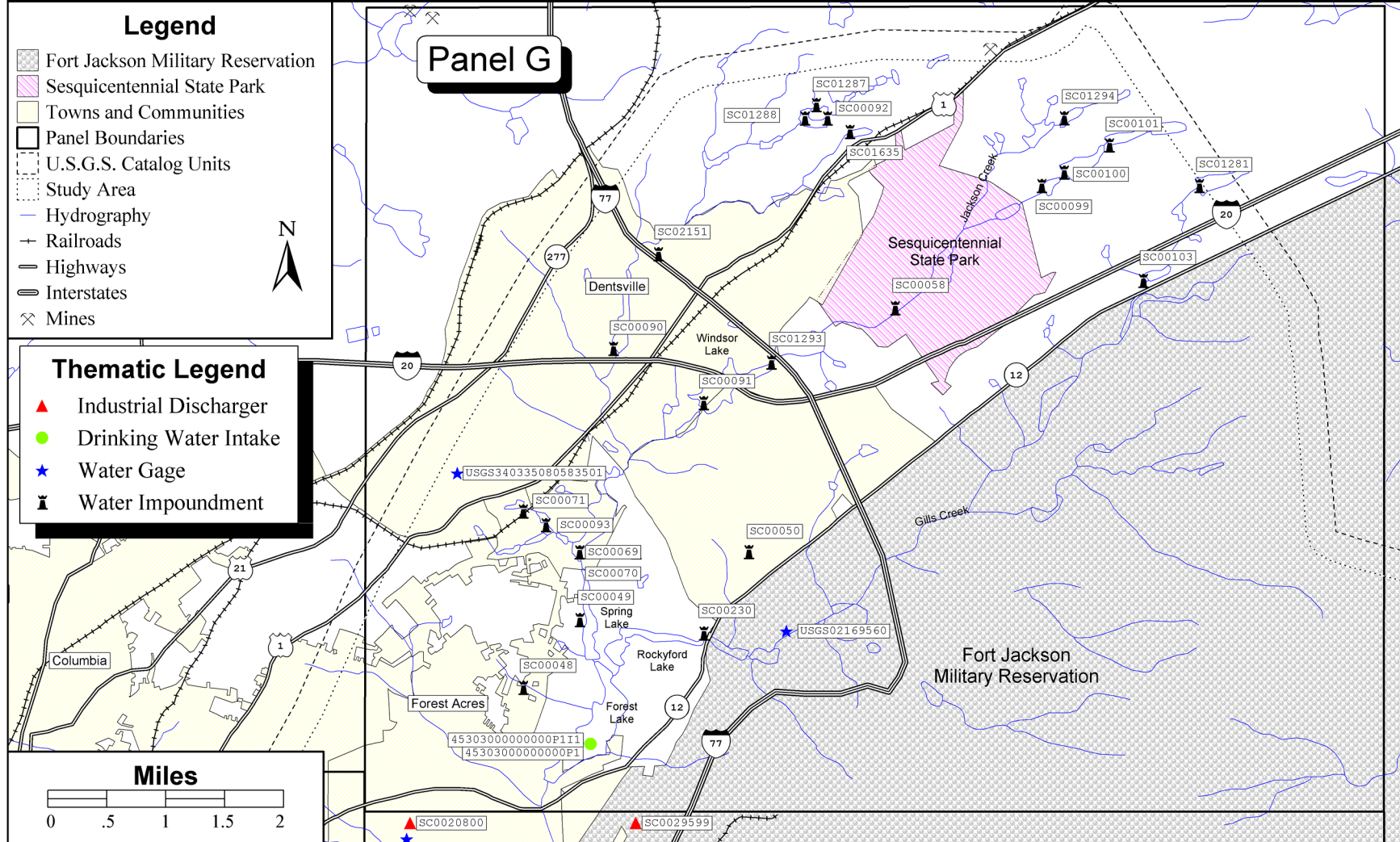
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

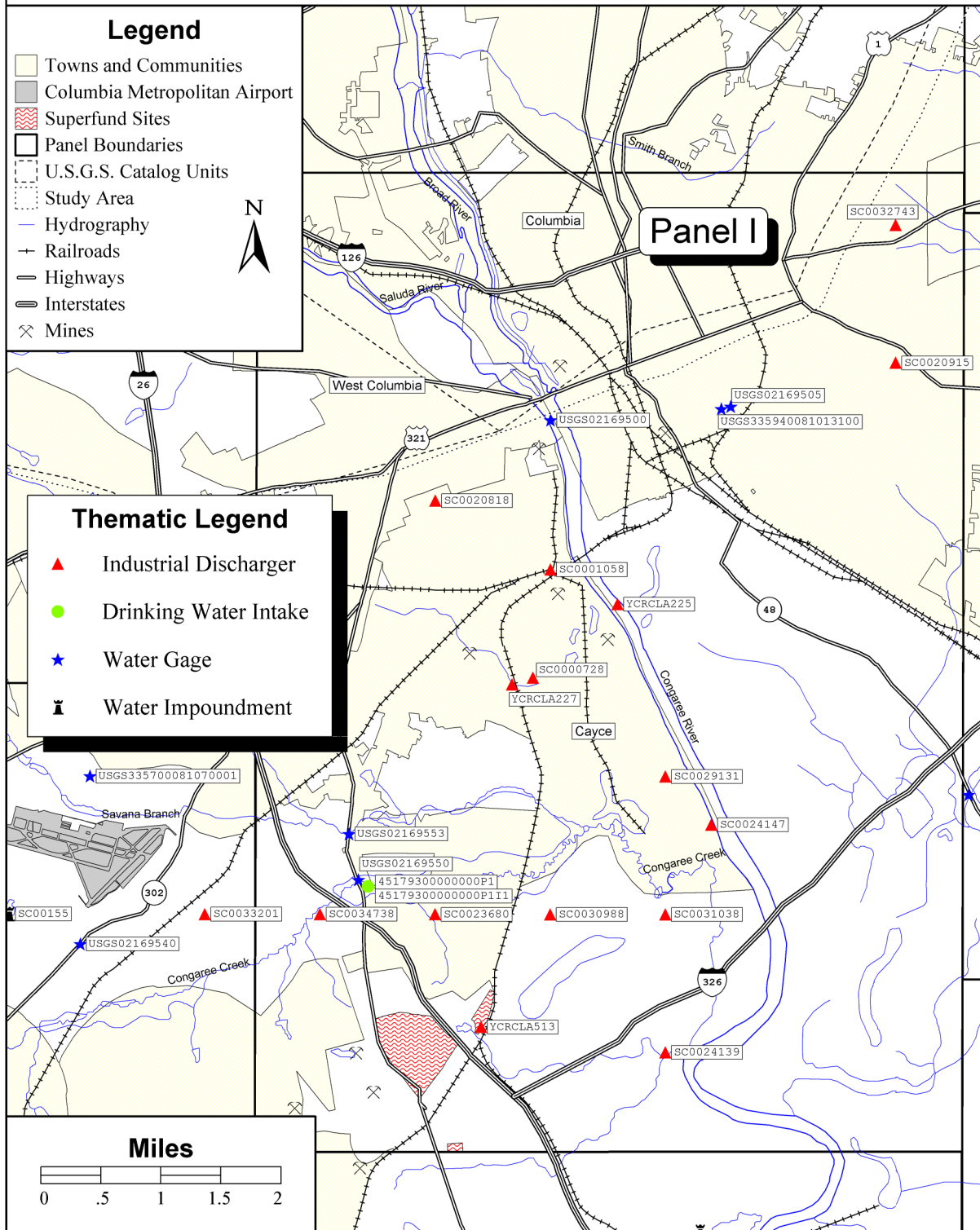






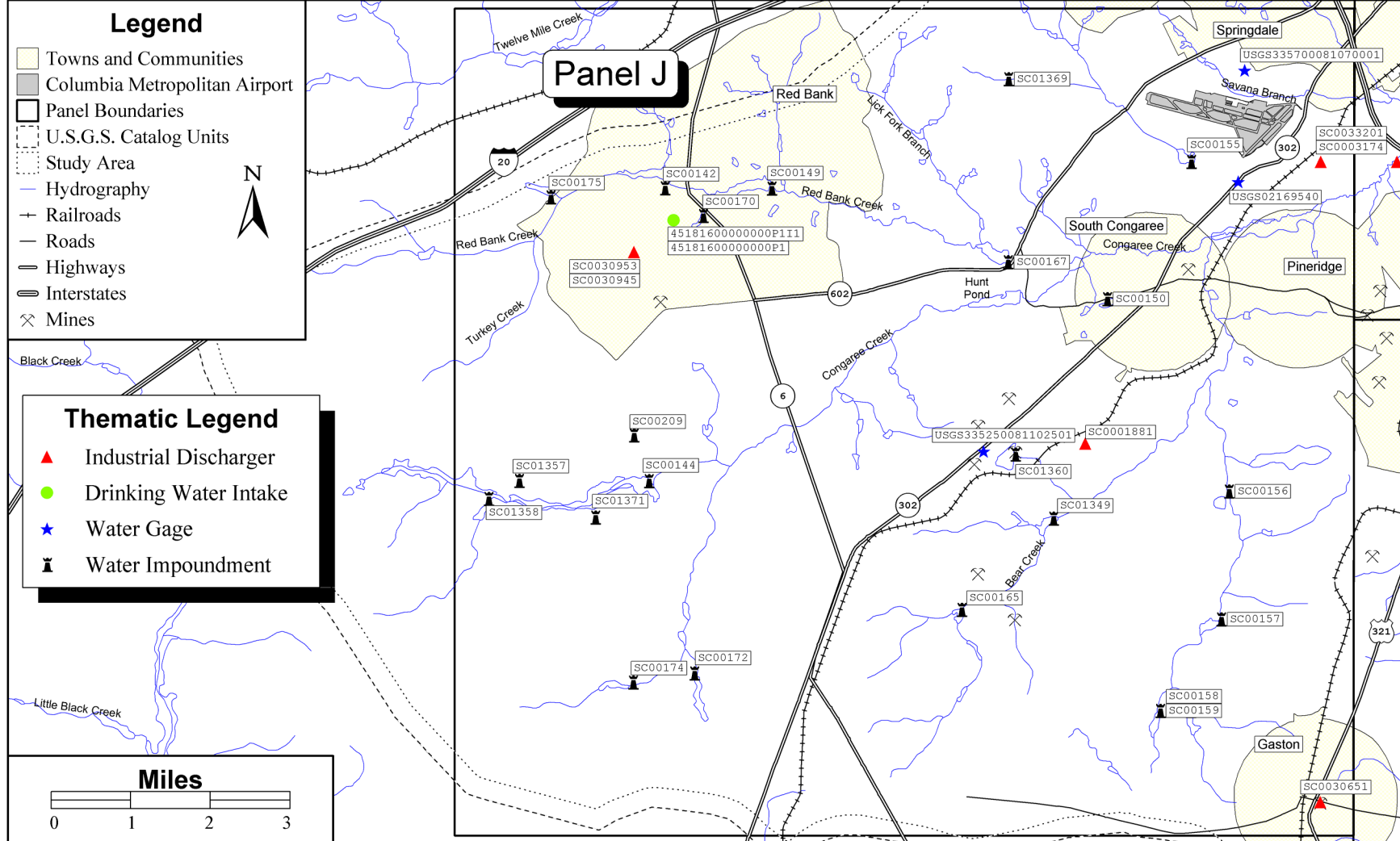
# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



# Congaree Swamp National Monument

## Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



# **Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the COSW Study Area**

## **Industrial Facility Discharges**

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
SC0000728	OWEN ELECTRIC STEEL CO OF SC	OWEN ELEC STEEL PO BOX 20	CAYCE	MONKEY SPRINGS C
SC0001058	MARTIN MARIETTA/CAYCE QUARRY	MARTIN MARIETTA P O BOX 3	RALEIGH	CONGAREE RV
SC0001333	CAROLINA EASTMAN CO	CAROLINA EASTMAN P O BOX	COLUMBIA	CONGAREE RV
SC0001848	WESTINGHOUSE ELEC/COLUMBIA PLT	WESTINGHOUSE ELEC DRAWER	COLUMBIA	CONGAREE RV
SC0001881	SOUTHERN PLASTICS CO	SOUTHERN PLASTICS PO DRAW	COLUMBIA	6 MILE CK CONGAR
SC0002038	S C ELEC & GAS/WATEREE STATION	SC ELEC & GAS MAIL CODE 1	COLUMBIA	WATEREE RV
SC0002101	ANCHOR CONTINENTAL INC	ANCHOR CONT'L PO DRAWER G	COLUMBIA	GILLS CK TR CONG
SC0003174	LOXCREEN COMPANY	LOXCREEN CO PO BOX 4004	WEST COLUMBIA	SAVANNAH BR
SC0004286	SQUARE D COMPANY	SQUARE D PO BOX 9247	COLUMBIA	MYERS CR CEDAR C
SC0020800	COLUMBIA/WHITEHALL 1 OXID LAGN	ST ANDREWS RD	COLUMBIA	KINLEY C
SC0020818	COLUMBIA/WHITEHALL 2 OXID LAGN	PINEY GROVE RD	COLUMBIA	TR TO LORICK B
SC0020869	COLUMBIA/CHALLEDON OXID LAGN	PINEY GROVE RD	COLUMBIA	KINLEY C
SC0020915	COLUMBIA/CHALLEDON WEST LAGN	.....	COLUMBIA	LORICK B C
SC0020940	COLUMBIA/METRO PLANT	WHITEHOUSE ROAD	COLUMBIA	CONGAREE R
SC0023680	OLD BARNWELL ROAD UTILITIES	.....	RED BANK	CONGAREE C
SC0024139	QUAIL HOLLOW SD	1931 ASSEMBLY STREET	COLUMBIA	ROBB SENN BR
SC0024147	CAYCE CITY OF/MAIN PLANT	CITY OF CAYCE PO BOX 2004	CAYCE	PO BOX 4
SC0024821	YORKSHIRE SD/LEESBURG UTIL CO	.....	COLUMBIA	TR TO GILL C
SC0025453	EAST RICHLAND COUNTY PSD	WHITE HORSE RD	COLUMBIA	GILLS C
SC0026999	WILDEWOOD S/D WILDEWOOD UTIL	1 SMALLWOOD CIR	COLUMBIA	JACKSON CK GILLS
SC0029131	GAINES W HARRISON & SON	724 PULASKI ST	COLUMBIA	CONGAREE R
SC0029483	ALPINE UTIL INC	1211 WASHINGTON ST	COLUMBIA	STOOP C
SC0029599	WASHINGTON PK SD/GENERAL UTIL	BURDOCK CIRCLE	COLUMBIA	TR TO GILLS C
SC0029653	EASTWAY PK BLUFF/MANNING DEV	.....	COLUMBIA	GILLS C
SC0030651	GLENN VILLAGE/CAROLINA WATER	CAROLINA WTR P.O. DWR 450	CAYCE W. COLA	TR TO FIRST C
SC0030911	STARLITE SD/TERRACEWAY SERV	TERRACEWAY 4060 BELTLINE	COLUMBIA	REEDER POINT BR
SC0030945	VANARSDALE SD/MIDLANDS UTIL	MIDLANDS UTIL PO BOX 887	LEXINGTON	12 MILE CK TR
SC0030953	PARKWOOD SD/MIDLANDS UTILITY	MIDLANDS UTIL PO BOX 887	LEXINGTON	SIX MILE CR
SC0030988	BELLE MEADE SD/MIDLANDS UTIL	MIDLANDS UTIL PO BOX 887	LEXINGTON	CONGAREE CK TR
SC0031011	RAINTREE ACRES SD/MIDLANDS UTIL	MIDLANDS UTIL PO BOX 887	LEXINGTON	BROAD RV
SC0031038	DUTCH VILLAGE SD/MIDLANDS UTIL	.....	COLUMBIA	NICHOLAS C
SC0031046	ROYAL HILL SD/MIDLANDS UTIL	MIDLANDS UTIL PO BOX 887	LEXINGTON	JORDAN B BROAD R
SC0031054	ARBORGATE SD/MIDLANDS UTIL	PO BOX 887	LEXINGTON	CONGAREE CK TR
SC0031399	FRANKLIN PARK SD/GENERAL UTIL	CABIN CREEK BLVD	HOPKINS	CABIN C
SC0031402	LLOYDWOODS SD/GENERAL UTIL	RAVENSROFT RD	COLUMBIA	DRY C
SC0032743	BUSH RIVER UTIL	16 BERRY HILL RD	COLUMBIA	SALUDA R
SC0032760	CHARLES TOWNE SD/BAGNAL BLDRS	919 S EDISTO AVE	COLUMBIA	MILL C
SC0033201	SPRINGDALE/SPRINGDALE SD	2915 PLATT SPRINGS RD	SPRINGDALE	6 MILE CK DI
SC0033367	TEEPAK INC/CORIA DIVISION	.....	SAINT MATTHEWS	CONGAREE R
SC0034738	MELWOOD OF LEXINGTON/ANCO UTIL	.....	LEXINGTON	SAVANNAH R
SC0034762	LINDAU CHEMICALS INC	750 GRANBY LANE	COLUMBIA	RECVG STRM TR TO CONGAREE R
SC0034797	SUNSET LAGOON/MARION BURNSIDE	.....	COLUMBIA	REEDER PONT B
SC0035921	COLUMBIA/QUAIL VALLEY (NEW)	.....	COLUMBIA	KINLEY C
YCRCLA225	SCRDI BLUFF ROAD SITE		COLUMBIA	
YCRCLA227	SCRDI DIXIANA		CAYCE	
YCRCLA513	PALMETTO WOOD PRESERVING, INC	DIXIANNA RD	CAYCE	



# **Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the COSW Study Area**

## **Drinking Water Intakes**

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
45179300000000P1	TREATMENT PLANT	CAYCE	20860	0000.00
45179300000000P1I1	CONGAREE CREEK	CAYCE	20860	0000.00
45181600000000P1	TREATMENT PLANT	RED BANK	210	0000.00
45181600000000P1I1	MILL POND	RED BANK	210	0000.00
45276100000000P1	TREATMENT PLANT	FORT MILL	2160	5000.00
45303000000000P1	TREATMENT PLANT	FORT JACKSON	28000	
45303000000000P1I1	FOREST LAKE	FORT JACKSON	28000	

## **Water Gages**

<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USGS02148315	WATEREE R. BL EASTOVER, S.C.	Stream	9000.00	1968	1993
USGS02169540	SAVANNA BRANCH NEAR CAYCE, S.C.	Stream	7.15	1967	1973
USGS02169550	CONGAREE CREEK AT CAYCE,S.C.	Stream	2200.00	1960	1980
USGS02169553	SIXMILE C AT CAYCE S	Stream	11.40		
USGS02169560	GILLS C AT BOYDEN AR	Stream	19.30		
USGS02169570	GILLS CREEK AT COLUMBIA, SC	Stream	5960.00	1967	1992
USGS02169590	GILLS C NR COLUMBIA	Stream	64.60		
USGS02169630	BIG BEAVER CREEK NEAR ST. MATTHEWS, S. C.	Stream	1000.00	1966	1992
USGS02169800	SANTEE RIVER NEAR FORT MOTTE S C	Stream	0000.00	1966	1976
USGS02169500	CONGAREE RIVER AT COLUMBIA, SC	Stream	7850.00	1940	1992
USGS02169505	ROCKY BRANCH AT PICKENS ST AT COLUMBIA, SC	Stream		1988	1988
USGS02169568	PEN BRANCH AT COLUMBIA, SC	Stream		1988	1988
USGS02169615	MILL CREEK NEAR HOPKINS, S. C.	Stream	12.70	1968	1972
USGS02169625	CONGAREE RIVER WEST OF WISE LAKE NR GADSDEN	Stream		1981	1986
USGS02169670	CEDAR CREEK BELOW MYERS CREEK NR HOPKINS, SC	Stream		1981	1985
USGS02169672	CEDAR CREEK @ CEDAR CREEK HUNT CLUB NR GADSDEN,	Stream		1981	1987
USGS02169675	CEDAR CREEK AT COUNTY RD 1288 NR GADSDEN	Stream		1981	1983
USGS02169740	CONGAREE RIVER AT SOUTHERN RR NR FT MOTTE	Stream		1981	1988
USGS02169750	CONGAREE RIVER AT U.S. HWY 601 NR. FORT MOTTE	Stream		1984	1985
USGS02169810	SANTEE R AT TREZESVANTS LANDING NR FT MOTTE, SC	Stream	14100.0		
USGS02169850	LAKE MARION AT BUCKINGHAM LDG NR LONE STAR, SC	Stream		1978	1979
USGS334832080515800	RIC- 344 CONGAREE SWAMP @ BUBBLE GAGE	Well			
USGS334835080515600	RIC- 343 CONGAREE SWAMP # 3 ON RD TO BUBBLE GAGE	Well			
USGS334844080514200	RIC- 342 CONGAREE SWAMP	Well			
USGS334859080493900	RIC- 346 CONGAREE SWAMP	Well			
USGS334930080514400	RIC- 341 CONGAREE SWAMP	Well			
USGS334944080380100	RIC- 63	Well			
USGS334950080491000	RIC- 345 CONGAREE SWAMP	Well			
USGS335250081102501	LEX- 79 PA SND & GLS,OB	Well			
USGS340335080583501	RIC- 40 COLA,DNTSVL,OBS	Well			
USGS335700081070001	COLUMBIA, SC WBAP W13883	Climate			
USGS335940081013100	USGS RAINGAGE AT UNIV OF SC AT COLUMBIA, SC	Climate			
USGS340053080590200	RAINGAGE (PEN BR) AT COLUMBIA, SC	Climate			

**Industrial Facility Discharges, Drinking Water Intakes,  
Water Gages, and Water Impoundments Within the COSW Study Area**

**Water Impoundments**

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
SC00048	FOREST LAKE DAM	DOD USA	Supply	Earth	High	1900
SC00049	COOPERS POND DAM	FOREST LAND CO	Rec.	Earth	High	1900
SC00050	SCNONAME40005	CLIFF HARPER	Rec.	Earth	High	1938
SC00052	HAITHCOCK POND D-0591	J W HUNT	Rec.	Earth	Low	1946
SC00053	MORRELLS POND D-0586	S C NATIONAL BANK	Rec.	Earth	Significant	1957
SC00054	HARMONS POND D-0585	HAROLD MILLER MD	Rec.	Earth	Low	1900
SC00055	PINEWOOD LAKE D-0580	C D CAUGHMAN	Rec.	Earth	Significant	1900
SC00056	WESTONS POND D-0593	DR WILLIAM WESTON	Rec.	Earth	Low	1932
SC00057	SCNONAME40012 D-0577	STEPHEN B ADAMS	Rec.	Earth	Significant	1946
SC00058	SCNONAME40013 D-0569	STATE OF SC (PRT)	Rec.	Earth	High	1937
SC00061	HAPPY TIMES POND D-0596	HAPPY TIMES,INC.	Rec.	Earth	Significant	1965
SC00062	CLARKSON POND D-0599	J A CLARKSON	Rec.	Earth	Low	1965
SC00064	DUFFIES POND D-0600	MARION BURNSIDE	Rec.	Earth	Low	1976
SC00065	ULMERS POND D-0581	ENVIRONMENTAL RESORTS	Rec.	Earth	High	1940
SC00066	LAKE TROTWOOD DAM	FRANK GRIFFIN,JR	Rec.	Earth	High	1949
SC00068	LAKE KATHERINE DAM	LAKE KATHERINE INC	Rec.	Earth	High	1941
SC00069	SC NONAME 40026	COOPER LAND CO	Rec.	Earth	High	1900
SC00070	SCNONAME40027	NORTH LAKE CO	Rec.	Earth	High	1955
SC00071	*	MARION BURNSIDE	Rec.	Earth	Low	1900
SC00082	SCNONAME40043 D-0587	R F LINDSAY	Rec.	Earth	Significant	1966
SC00090	SPRINGWOOD LAKE D-0558	SPRINGWOOD LAKE COMPANY	Rec.	Earth	High	1954
SC00091	WINDSOR LAKE DAM D-0571	FOREST LAND COMPANY	Rec.	Earth	High	1965
SC00092	PINE SPRINGS DAM NO 1 D-0560	FOREST LAND CO	Rec.	Earth	High	1948
SC00093	ARCADIA WOODS LAKE DAM	ARCADIA WOODS LAKE CO	Rec.	Earth	High	1937
SC00094	GWINNS POND D-0588	CONGAREE CONSTRUCTION CO	Rec.	Earth	Significant	1967
SC00095	JORDANS POND D-0590	B A JORDAN JR	Rec.	Earth	Low	1960
SC00096	BOYDS POND D-0592	WL BOYD	Irrig.	Earth	Low	1963
SC00099	WILDEWOOD POND 1 D-0568	WILDEWOOD III ASSOCIATES	Rec.	Earth	Significant	1954
SC00100	WILDEWOOD POND 2 D-0567	WILDEWOOD III ASSOCIATES	Rec.	Earth	Significant	1963
SC00101	WILDEWOOD POND 3 D-0566	WILDEWOOD III ASSOCIATES	Rec.	Earth	Significant	1963
SC00103	RUTLEDGES POND D-0137	JESSE A RUTLEDGE	Rec.	Earth	Significant	1957
SC00105	MANDEL PARK POND D-0584	MANDEL PARK INC.	Rec.	Earth	Significant	1953
SC00106	REVERES POND D-0583	B C INABINET JR	Rec.	Earth	Low	1965
SC00141	SCNONAME 32001 D-0993	LEXNGTN AC C/O JT BRTGHM	Rec.	Earth	Low	1900
SC00142	SCNONAME 32002 D-0960	WHITE LILY SALES CO	Supply	Earth	Significant	1896
SC00144	SCNONAME32004 D-0969	MORAGNE FARMS INC	Rec.	Earth	Low	1935
SC00149	SCNONAME 32009 D-0961	DR J G MCCAULEY	Rec.	Earth	Low	1900
SC00150	SCNONAME32010 D-0966	JEFF HUNT MACHINERY CO	Rec.	Earth	Low	1937
SC00155	SCNONAME32015 D-1719	DR T A PITTS	Rec.	Earth	Low	1831
SC00156	SCNONAME 32016 D-0988	BLEEKA S & J D THOMPSON	Rec.	Earth	Low	1935
SC00157	SCNONAME 32017 D-0989	BOY SCOUTS OF A CENT SCC	Rec.	Earth	Low	1920
SC00158	SCNONAME32018 D-0976	CHARLTON HALL JR	Rec.	Earth	Significant	1900
SC00159	SCNONAME32019 D-0977	MICHAEL J MUNGO	Rec.	Earth	Significant	1900
SC00165	SCNONAME32026 D-0975	JENNIE H FEAGLE	Rec.	Earth	Low	1948
SC00167	SCNONAME32028 D-0965	LAKE PAULINE FISH & HUNT	Rec.	Earth	Significant	1910
SC00170	SCNONAME32031 D-0962	WILLARD D & L A ARRANTS	Farm	Earth	Low	1880
SC00172	SCNONAME32033 D-0971	CRYSTAL SPGS HOMEOWNERS	Rec.	Earth	Significant	1900
SC00174	SCNONAME32035 D-0955	CONG	Rec.	Earth	Low	1954

**Industrial Facility Discharges, Drinking Water Intakes,  
Water Gages, and Water Impoundments Within the COSW Study Area**

**Water Impoundments**

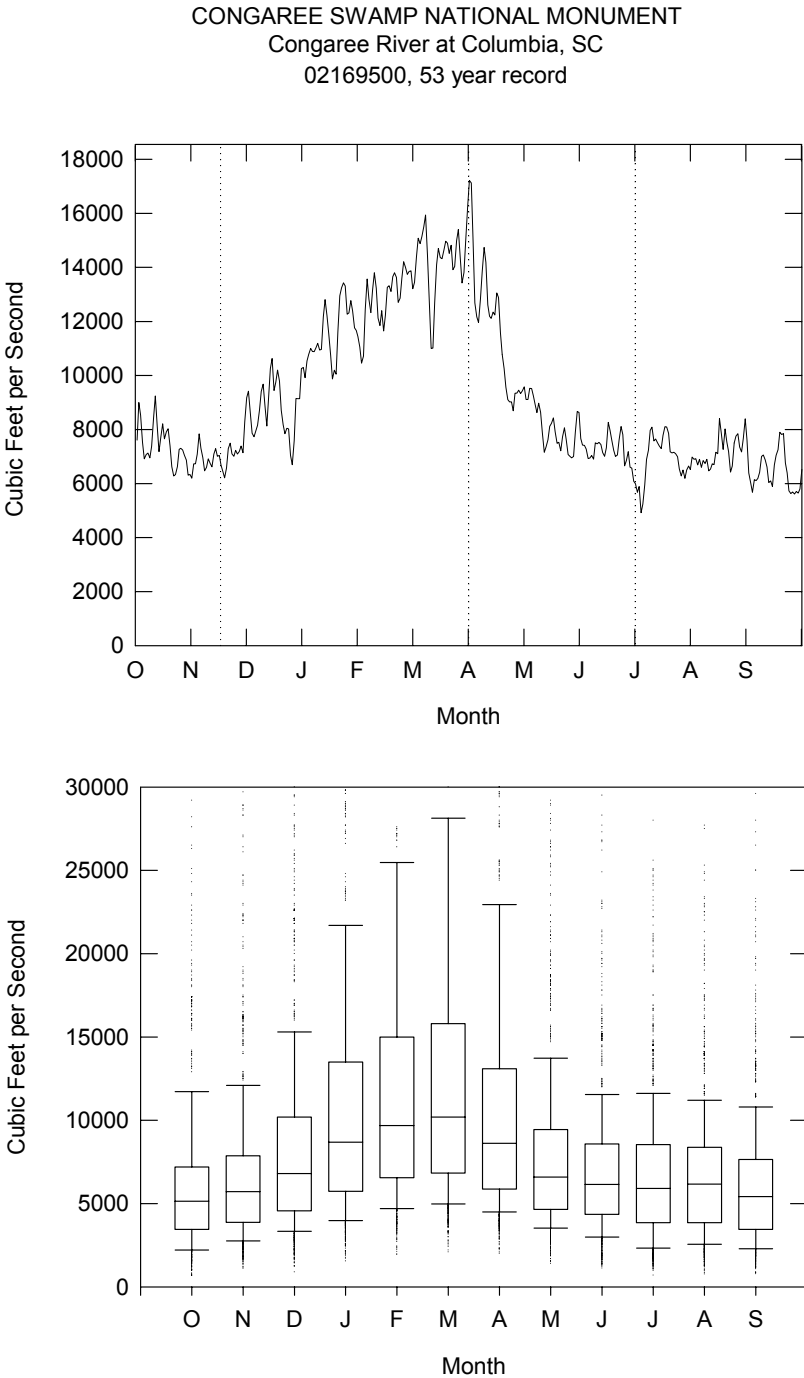
<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
SC00175	SCNONAME32036 D-0953	FRANCES & BILL F IRWIN	Rec.	Earth	Low	1970
SC00176	SCNONAME 32037 D-0995	RYANT O HALLMAN	Rec.	Earth	Low	1901
SC00178	SCNONAME 32039 D-0992	THE STATE-RECORD COMPANY	Rec.	Earth	Low	1900
SC00179	SCNONAME 32040 D-0991	COACHWOOD INVESTMENTS IN	Rec.	Earth	Significant	1900
SC00180	SCNONAME 32041 D-0986	G ALBERT GOFF	Rec.	Earth	Low	1938
SC00209	SCNONAME32076 D-0963	MORAGNE FARMS INC	Rec.	Earth	Low	1935
SC00217	SCNONAME 32086 D-0987	W S REAMER JR	Rec.	Earth	Significant	1900
SC00225	SEMMES LAKE DAM FT JACKSON	DOD USA	Rec.	Earth	High	1900
SC00229	UPPER LEGION LAKE DAM FT JACKS	DOD USA	Rec.	Earth	Low	1900
SC00230	BOYDEN ARBOR DAM - FT JACKSON	DOD USA	Rec.	Earth	High	1900
SC00231	LOWER TWIN LAKE DAM FT JACKSON	DOD USA	Rec.	Earth	High	1900
SC00233	WESTON LAKE DAM FT JACKSON	DOD USA	Rec.	Earth	High	1971
SC00568	SCNONAME09005 D-2618	MARY L SMITH	Rec.	Earth	Low	1957
SC00569	SCNONAME09006 D-2917	REMBERT CROWDER	Rec.	Earth	Significant	1935
SC00570	SCNONAME09007 D-2619	D H WANNAMAKER	Rec.	Earth	Low	1945
SC00571	SCNONAME09008 D-2621	WILLIE RUCKER	Rec.	Earth	Significant	1945
SC00572	SCNONAME09009 D-2622	JOHN L ZEIGLER	Rec.	Earth	Significant	1940
SC00573	SCNONAME09010 D-2623	JIM SIKES JR	Rec.	Earth	Low	1940
SC00574	SCNONAME09011 D-2625	WILLIAM DENT	Rec.	Earth	Significant	1958
SC00575	SCNONAME09012 D-2627	H C RAZOR	Rec.	Earth	Significant	1971
SC00576	SCNONAME09013 D-2628	FURMAN PRICKETT SR	Farm	Earth	Low	1885
SC00577	SCNONAME09014 D-2630	I PRICKETT	Rec.	Earth	Low	1969
SC00578	SCNONAME09015 D-2631	H C RAZOR	Rec.	Earth	Significant	1942
SC00583	SCNONAME09020 D-2634	L W SUTTCLIFF	Rec.	Earth	Low	1969
SC00597	SCNONAME09034 D-2649	DIXON BROWN	Rec.	Earth	High	1934
SC00598	SCNONAME09035 D-2650	JESSIE TAYLOR	Rec.	Earth	Low	1950
SC00599	SCNONAME09036 D-2651	JESSIE TAYLOR	Rec.	Earth	Low	1960
SC00600	SCNONAME09037 D-2652	JULIA JAMISON	Rec.	Earth	Low	1965
SC00606	SCNONAME09044 D-2665	W D SPIGNER EST	Rec.	Earth	Low	1953
SC01180	BATESBURG RESERVOIR DAM D-0928	BATESBURG,S.C.	Supply	Earth	High	1935
SC01275	BURNSIDES POND D-0576	HARRIETT NEWMAN BURNSIDE	Rec.	Earth	Low	1954
SC01281	HUGHES POND D-0573	CITY INVESTMENT CORP	Rec.	Earth	Significant	1954
SC01286	PEELERS POND D-0589	W B PEELER U	Rec.	Earth	Significant	1950
SC01287	PINE SPRINGS DAM NO 2 D-0561	PINE SPRINGS,INC.	Rec.	Earth	High	1948
SC01288	PINE SPRINGS LAKE D-0559	PINE SPRINGS,INC.	Rec.	Earth	Significant	1960
SC01293	UPPER WINDSOR LAKE D-0570	FOREST LAND CO	Rec.	Earth	High	1965
SC01294	WILDEWOOD POND 5 D-0564	WILDEWOOD III ASSOCIATES	Rec.	Earth	High	1963
SC01349	GUIGNARD POND DAM D-0974	SANDERS R GUIGNARD JR	Rec.	Earth	Low	1900
SC01357	SCNONAME32104 D-1708	JAMES H ADKINS	Rec.	Earth	Low	1968
SC01358	SCNONAME32103 D-1707	CENTRAL PRODUCTION CREDI	Rec.	Earth	Low	1950
SC01360	SCNONAME32091 D-0967	PENNSYLVANIA GLASS SAND	Other	Earth	Significant	1974
SC01367	DIXON POND DAM D-0996	SARAH P DIXON	Rec.	Earth	Low	1947
SC01369	SHEALYS POND DAM D-1718	JUANITA S SHEALY	Rec.	Earth	Significant	1940
SC01371	BALLINGTONS POND DAM D-1704	LEWIS BALLINGTON	Rec.	Earth	Low	1957
SC01564	SCNONAME09045 D-2924	BEULAH CULLER	Rec.	Earth	Significant	1940
SC01567	BENSONS POND DAM D-2626	JAMES P BENSON	Rec.	Earth	Low	1955
SC01569	BOOZER LOWER POND DAM D-2922	WYMAN BOOZER	Rec.	Earth	Significant	1975
SC01571	BRADY POND DAM D-2624	VERNIE BRADY	Farm	Earth	Low	1920

# **Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the COSW Study Area**

## **Water Impoundments**

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
SC01573	BUYCLS SWAMP POND DAM D-2928	W P BUYCLS JR	Farm	Earth	Low	1950
SC01574	CALMONT POND DAM D-2672	R L BREELAND	Rec.	Earth	Low	1978
SC01577	CAR. EASTMAN WASTE POND DAM	CAROLINA EASTMAN	Other	Earth	Low	1974
SC01580	FURTICK POND DAM D-2682	DICK FURTICK	Rec.	Earth	Significant	1930
SC01581	GADDEN POND DAM D-2656	HAROLD GADDEN	Rec.	Earth	Low	1965
SC01585	HILL NO 1 POND DAM D-2669	THELME HILL	Rec.	Earth	Low	1958
SC01586	HILLS NO 2 POND DAM D-2667	THELMA HILL	Farm	Earth	Low	1960
SC01587	J L WANNAMAKER CABIN POND DAM	J L WANNAMAKER	Rec.	Earth	Low	1930
SC01588	J L WANNAMAKER POND DAM D-2685	J L WANNAMAKER	Rec.	Earth	Low	1930
SC01590	LACKLAND POND DAM D-2670	T C LACKLAND	Rec.	Earth	Low	1950
SC01593	OTTS POND DAM D-2677	MOLLIE OTT	Rec.	Earth	Low	1930
SC01594	PARADICE LAKE DAM D-2629	PARADICE LAKE ASSN	Rec.	Earth	Low	1970
SC01596	PETER BUYCLS HOUSE POND DAM D-	W P BUYCLS JR	Rec.	Earth	Significant	1960
SC01601	SMITH POND DAM D-2680	FORREST C SMITH	Rec.	Earth	Low	1960
SC01605	STRAWBERRY POND DAM D-2674	ELIZABETH R GILES	Rec.	Earth	Low	1963
SC01606	STRICKLAND POND DAM D-2683	E F STRICKLAND	Rec.	Earth	Low	1960
SC01607	STRUCKMAN POND DAM D-2926	MRS STRUCKMAN	Rec.	Earth	Low	1960
SC01608	SULTON POND DAM D-2671	B T SULTON	Rec.	Earth	Low	1950
SC01610	WANNAMAKERS UPPER I-26 POND DA	DEWY WANNAMAKER	Rec.	Earth	Low	1970
SC01611	WAY POND DAM D-2657	PELHAM F WAY	Rec.	Earth	Low	1960
SC01613	WILES POND DAM D-2660	J D WILES	Rec.	Earth	Low	1967
SC01635	ENTRANCE LAKE DAM	SPRING VALLEY HOMEOWNERS	Rec.	Earth	High	1969
SC02151	SIMPSON POND DAM D-3651	LOUIS B SIMPSON JR	Rec.	Earth	Significant	1965

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Congaree Swamp National Monument are: Jul. 1 to Nov. 15, Nov. 15 to Mar. 31, and Apr. 1 to Jun. 30.

## CONTACTS FOR AGENCY CODES RETRIEVED FOR COSW

<u>AGENCY</u>	<u>PRIMARY CONTACT NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER(S)</u>
21SC60WQ	CHESTNUT, DAVID	SC DEPT HEALTH & ENV CON	(803)734-5393
21SCSANT	INABINET, JOHN	SC PUBLIC SERVICE AUTHRTY	(803)761-8000
112WRD	WILLIAMS, OWEN	US GEOLOGICAL SURVEY	(703)648-5610
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516 (970)225-3518
21SC60FD	LOFTUS, DOYLE	S.CAROLINA DEPT HEALTH	(803)758-7726
21SCPEPC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259
1114PEST	HENRY,BRUCE	USEPA REGION 4	(404)562-9246

**QUANTITY OF DATA RETRIEVED FOR COSW BY AGENCY CODE**  
**WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK**

Agency	Organization	Period of Record		Water Quality Stations		Longer Term <sup>1</sup> Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21SC60WQ	SC DEPT HEALTH & ENV CON	08/09/60-08/19/97	05/07/92-07/15/97	86	3	27	0	8	0	88958	433	583	30
21SCSANT	SC PUBLIC SERVICE AUTHRTY	01/27/80-12/11/96	No Data in Park	5	0	4	0	1	0	15445	0	51	0
112WRD	US GEOLOGICAL SURVEY	05/12/54-03/10/97	06/18/85-12/16/96	36	2	4	0	0	0	14251	950	463	155
11NPSWRD	NATIONAL PARK SERVICE	06/18/85-03/11/97	06/18/85-03/11/97	46	18	0	0	0	0	49215	21727	85	45
21SC60FD	S.CAROLINA DEPT HEALTH	No Data in S.A.	No Data in Park	11	0	0	0	11	0	0	0	0	0
21SCPEPC	USEPA HQ	06/15/74-06/15/75	No Data in Park	1	0	0	0	0	0	52	0	15	0
11EPALES	USEPA	02/27/73-02/01/74	No Data in Park	1	0	0	0	0	0	97	0	7	0
1114PEST	USEPA REGION 4	No Data in S.A.	No Data in Park	11	0	0	0	11	0	0	0	0	0
Totals		05/12/54-08/19/97	06/18/85-07/15/97	197	23	35	0	31	0	168018	23110	959	179

<sup>1</sup>Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

# **Station Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75
COSW0001	MOES CREEK	No	302	302	0	0
COSW0002	OTTER FLATS UPSTREAM OF L. MARION IN THE SWAMP	No	718	718	0	0
COSW0003	GAR LAKE	No	314	314	0	0
COSW0004	SANTEE RIVER AT BUCKINGHAM LANDING	No	315	315	0	0
COSW0005	SANTEE RV .2KM US OF THE MOUTH OF BROADWATER CR	No	0	0	0	0
COSW0006	SANTEE RIVER 0.2KM US OF MOUTH OF BROADWATER CRE	No	4188	3702	486	0
COSW0007	LITTLE CREEK	No	315	315	0	0
COSW0008	INDIGO FLAT AT BROADWATER CREEK	No	315	315	0	0
COSW0009	LAKE MARION	No	136	0	136	0
COSW0010	BROADWATER CREEK 2.0KM US CONFLUENCE SANTEE RIVE	No	3344	2576	768	0
COSW0011	LAKE MARION	No	142	0	142	0
COSW0012	LAKE MARION	No	117	0	117	0
COSW0013	LAKE MARION	No	156	0	156	0
COSW0014	LAKE MARION	No	102	0	102	0
COSW0015	WATEREE RVR 4MI ABV CONVLNC WTH CONGAREE RV	No	0	0	0	0
COSW0016	BROADWATER CREEK AT LITTLE OTTER FLAT	No	314	314	0	0
COSW0017	LAKES MARION-MOULTRIE SITE 1	No	7	0	7	0
COSW0018	WATEREE RIVER 2.5KM US CONFLUENCE W/ CONGAREE	No	3959	3777	182	0
COSW0019	WATEREE R. AT LITTLE R.; 1.6 MI US SANTEE R.	No	7913	6877	1036	0
COSW0020	WATEREE RIVER AT CONFLUENCE WITH LITTLE RIVER	No	314	314	0	0
COSW0021	HDWTR LK MARION 2M BL WATR/CONG	No	99	0	19	80
COSW0022	WATEREE RVR IMMEDIATELY ABV WATEREE STEAM STA.	No	1	0	1	0
COSW0023	WATEREE RIVER BELOW EASTOVER	No	1240	1240	0	0
COSW0024	Waterree River Below Eastover	No	7040	7040	0	0
COSW0025	WATEREE R. BL EASTOVER, S.C.	No	89	0	0	89
COSW0026	SANTEE RIVER NEAR FORT MOTTE S C	No	123	0	0	123
COSW0027	SANTEE RIVER AT TREZVANT LANDING	No	315	315	0	0
COSW0028	CONGAREE RIVER AT HIGHWAY 601	No	1547	1547	0	0
COSW0029	LAKE MARION	No	118	0	118	0
COSW0030	LAKE MARION	No	133	0	133	0
COSW0031	LAKE MARION	No	142	0	142	0
COSW0032	LAKE MARION	No	102	0	102	0
COSW0033	CONGAREE RIVER AT U.S. 601 BRIDGE	No	3954	3776	178	0
COSW0034	LAKE MARION	No	157	0	157	0
COSW0035	WATEREE RVR 1MI ABOVE SEABOARD COASTLINE	No	0	0	0	0
COSW0036	CONGAREE RIVER	No	97	0	0	97
COSW0037	CONGAREE RVR AT US 601	No	11242	6275	4322	645
COSW0038	CONGAREE RIVER AT HWY 601 BRIDGE	No	4224	4224	0	0
COSW0039	Congaree River at US Highway 601 near Fort Motte	No	6905	6905	0	0
COSW0040	CONGAREE R DWNSTRM HW 601 BRDG	No	0	0	0	0
COSW0041	CONGAREE RIVER AT U.S. HWY 601 NR. FORT MOTTE	No	185	0	0	185
COSW0042	CONGAREE RIVER	No	52	0	35	17
COSW0043	CONGAREE R AT BRDG ON U.S. 601	No	23	0	23	0
COSW0044	DEVIL'S ELBOW	Yes	766	766	0	0
COSW0045	RUNNING LAKE AT SOUTHERN RAILROAD	No	1291	1291	0	0
COSW0046	CSNM near lower boundary near Gadsden	Yes	15	15	0	0
COSW0047	Running Lake at CSNM boundary near Gadsden	Yes	15	15	0	0
COSW0048	McKenzie Creek at S-40-489 near Gadsden	No	15	15	0	0
COSW0049	McKenzie Creek at State Highway 48 near Gadsden	No	15	15	0	0
COSW0050	LOWER TOM'S CREEK AT CONGAREE RIVER	Yes	2781	2781	0	0
COSW0051	Toms Creek below S-40-489 near Gadsden	No	15	15	0	0
COSW0052	Toms Creek Off Bridge West of Kingville	No	1991	1991	0	0
COSW0053	UPPER TOM'S CREEK	No	1659	1659	0	0
COSW0054	TOMS CREEK BELOW S-40-489 NEAR GADSDEN, SC	No	528	528	0	0
COSW0055	Ray Branch at S-40-764 near Eastover	No	15	15	0	0
COSW0056	Toms Creek at State Highway 48 near Gadsden	No	15	15	0	0
COSW0057	TOMS CK AT SC 48	No	274	274	0	0
COSW0058	LOWER CEDAR CREEK NEAR CONGAREE RIVER	Yes	3327	3327	0	0
COSW0059	Toms Creek at US Highway 378 near Horrell Hill	No	15	15	0	0
COSW0060	Toms Creek at S-40-1307 near Eastover	No	15	15	0	0
COSW0061	Toms Creek at S-40-764 near Horrell Hill	No	15	15	0	0
COSW0062	Toms Creek at S-40-1322 near Gadsden	No	15	15	0	0
COSW0063	OLD DEAD RIVER LAKE	Yes	389	389	0	0
COSW0064	CEDAR CREEK AT SCA CABIN	Yes	1700	1700	0	0
COSW0065	Cedar Creek below S-40-1288 near Gadsden	Yes	15	15	0	0
COSW0066	Dry Branch at S-40-734 near Gadsden	No	15	15	0	0
COSW0067	WESTON LAKE AT HIGH RISE	Yes	2376	2376	0	0
COSW0068	CEDAR CREEK AT S-40-66	No	923	923	0	0
COSW0069	Cedar Creek above Cedar Creek Hunt Club	Yes	15	15	0	0
COSW0070	CEDAR CREEK AT WISE LAKE	Yes	1993	1993	0	0
COSW0071	Cedar Creek at Cedar Creek Hunt Club	Yes	245	245	0	0



# **Station Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75
COSW0072	<a href="#">CEDAR CK @ CEDAR CREEK HUNT CLUB NR GADSDEN, SC</a>	Yes	517	517	0	0
COSW0073	<a href="#">WISE LAKE</a>	Yes	2001	2001	0	0
COSW0074	<a href="#">Cedar Creek at S-40-55 near Gadsden</a>	No	15	15	0	0
COSW0075	<a href="#">MEYERS CREEK AT S-40-734 NEAR HOPKINS, SC</a>	No	409	409	0	0
COSW0076	<a href="#">Cabin Branch at S-40-66 near Hopkins</a>	No	15	15	0	0
COSW0077	<a href="#">Reeves Creek North of Old Bluff Road</a>	No	1991	1991	0	0
COSW0078	<a href="#">CEDAR CK AT S-40-734</a>	Yes	115	115	0	0
COSW0079	<a href="#">UPPER CEDAR CREEK</a>	Yes	1811	1811	0	0
COSW0080	<a href="#">Myers Creek at S-40-734 near Hopkins</a>	No	15	15	0	0
COSW0081	<a href="#">CEDAR CREEK BELOW MYERS CREEK NR HOPKINS, SC</a>	Yes	433	433	0	0
COSW0082	<a href="#">Cedar Creek below Myers Creek near Hopkins</a>	Yes	31	31	0	0
COSW0083	<a href="#">CEDAR CK S OF S-40-734 AT USGS GAGING PLATFORM</a>	Yes	158	158	0	0
COSW0084	<a href="#">Reeves Branch at S-40-734 near Hopkins</a>	Yes	15	15	0	0
COSW0085	<a href="#">Myers Creek North of Old Bluff Road</a>	No	1991	1991	0	0
COSW0086	<a href="#">CSNM west of Wise Lake near Gadsden</a>	No	15	15	0	0
COSW0087	<a href="#">CSNM west of Weston Lake near Gadsden</a>	Yes	15	15	0	0
COSW0088	<a href="#">UPPER CONGAREE RIVER .75 SW OF COOK'S LAKE</a>	Yes	4217	4217	0	0
COSW0089	<a href="#">WILDEWOOD POND AT AIKEN HUNT CIRCLE</a>	No	35	35	0	0
COSW0090	<a href="#">CONGAREE RVR AT W EDGE OF CONGAREE SWAMP PARK</a>	Yes	160	160	0	0
COSW0091	<a href="#">GILLS CREEK</a>	No	146	146	0	0
COSW0092	<a href="#">Goose Branch at US Highway 378 near Horrell Hill</a>	No	31	31	0	0
COSW0093	<a href="#">GOOSE BRANCH AT SH 378, NEAR EASTOVER, SC</a>	No	17	17	0	0
COSW0094	<a href="#">ROWELL CRK AT DIXIE RD COLUMBIA, SC</a>	No	156	156	0	0
COSW0095	<a href="#">Myers Creek at State Highway 48 near Gadsden</a>	No	31	31	0	0
COSW0096	<a href="#">STA 6, MYERS CR BLW CABIN BR @ SH 48 NR GADSDEN,</a>	No	22	22	0	0
COSW0097	<a href="#">JACKSON CRK AT LEANING TREE RD COLUMBIA, SC</a>	No	156	156	0	0
COSW0098	<a href="#">WILDEWOOD POND AT BEAVER DAM ROAD</a>	No	35	35	0	0
COSW0099	<a href="#">WILDEWOOD POND AT SAND SPUR COURT</a>	No	36	36	0	0
COSW0100	<a href="#">JACKSON CREEK</a>	No	219	219	0	0
COSW0101	<a href="#">BYNUM CREEK</a>	No	144	144	0	0
COSW0102	<a href="#">GOOSE BRANCH BELOW SQUARE D NEAR EASTOVER, SC</a>	No	46	46	0	0
COSW0103	<a href="#">Goose Branch at S-40-223 near Horrell Hill</a>	No	31	31	0	0
COSW0104	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0105	<a href="#">STA 5, MYERS CR @ LOWER RICHLAND HWY, EASTOVER,</a>	No	21	21	0	0
COSW0106	<a href="#">Myers Creek at S-40-37 near Hopkins</a>	No	31	31	0	0
COSW0107	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0108	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0109	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0110	<a href="#">Myers Creek at S-40-1571 near Hopkins</a>	No	31	31	0	0
COSW0111	<a href="#">STA 4, MYERS CR @ BACK SWAMP RD, NR EASTOVER, SC</a>	No	22	22	0	0
COSW0112	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0113	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0114	<a href="#">ROWELL CREEK</a>	No	198	198	0	0
COSW0115	<a href="#">STA 3, MYERS CR @ OLD HOPKINS RD, NR EASTOVER, S</a>	No	22	22	0	0
COSW0116	<a href="#">Myers Creek at S-40-222 near Hopkins</a>	No	31	31	0	0
COSW0117	<a href="#">TRIB TO MILL CK A S-40-404</a>	No	938	0	586	352
COSW0118	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0119	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0120	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0121	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0122	<a href="#">BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC</a>	No	0	0	0	0
COSW0123	<a href="#">MILL CK AT US-76 AT PINEWOOD LK 8MI SE OF COLA</a>	No	1991	923	587	481
COSW0124	<a href="#">MILL CK AT SPILLWAY OF LK ON CO RD 404</a>	No	1195	0	593	602
COSW0125	<a href="#">JACKSON CREEK</a>	No	144	144	0	0
COSW0126	<a href="#">GILLS CREEK</a>	No	220	220	0	0
COSW0127	<a href="#">JACKSON CRK AT ALPINE RD COLUMBIA, SC</a>	No	156	156	0	0
COSW0128	<a href="#">GILLS CREEK AT BOYDEN ARBOR RD COLUMBIA, SC</a>	No	155	155	0	0
COSW0129	<a href="#">TRIB TO LITTLE JACKSON CK AT RABON RD COLUMBIA,</a>	No	156	156	0	0
COSW0130	<a href="#">WINDSOR LK SPILLWHY ON WINDSOR LK BLVD</a>	No	1996	1041	575	380
COSW0131	<a href="#">JACKSON CK BHD LOT YORK HOUSE</a>	No	0	0	0	0
COSW0132	<a href="#">LITTLE JACKSON CRK AT LEGRANDE RD COLUMBIA, SC</a>	No	155	155	0	0
COSW0133	<a href="#">GILLS CREEK AT STATE ROAD 12 (FOREST DRIVE)</a>	No	145	145	0	0
COSW0134	<a href="#">JACKSON CRK ABOVE DECKER BLVD COLUMBIA, SC</a>	No	156	156	0	0
COSW0135	<a href="#">GILLS CRK ABOVE FOREST LAKE COLUMBIA, SC</a>	No	156	156	0	0
COSW0136	<a href="#">LITTLE JACKSON CRK AT TRENHOLM RD EXT COLUMBIA,</a>	No	156	156	0	0
COSW0137	<a href="#">BL ROCKYFORD LK SPWAY @ESHORE</a>	No	0	0	0	0
COSW0138	<a href="#">JACKSON CK @ RR DWNSTRM 2NOTCH</a>	No	0	0	0	0
COSW0139	<a href="#">REEDER POINT BRANCH AT SC 48</a>	No	239	239	0	0
COSW0140	<a href="#">SPRING LK SPWAY @ SPRING LK RD</a>	No	0	0	0	0
COSW0141	<a href="#">FOREST LK @ BRDG OVER GILLS CK</a>	No	0	0	0	0
COSW0142	<a href="#">BIG BEAVER CREEK NEAR ST. MATTHEWS, S. C.</a>	No	75	0	0	75

### Station Period of Record Tabulation From 05/12/54 To 08/19/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75
COSW0143	<a href="#">GILLS CRK BELOW EIGHT MILE BRANCH COLUMBIA, SC</a>	No	156	156	0	0
COSW0144 <sup>1</sup>	<a href="#">FOREST LAKE AT DAM AT FT JACKSON WATER INTAKE</a>	No	4487	4164	323	0
COSW0145	<a href="#">WILDCAT CRK AT SHADY LANE COLUMBIA, SC</a>	No	156	156	0	0
COSW0146	<a href="#">EIGHT MILE BRANCH BELOW TRENHOLM RD COLUMBIA, SC</a>	No	156	156	0	0
COSW0147	<a href="#">PENN BRANCH AT WOODLAKE RD COLUMBIA, SC</a>	No	155	155	0	0
COSW0148	<a href="#">TRIB FOREST LAKE UPSTREAM</a>	No	0	0	0	0
COSW0149 <sup>1</sup>	<a href="#">GILLS CREEK-COLUMBIA</a>	No	1135	0	486	649
COSW0150	<a href="#">GILLS CK BLW LAKE KATHERINE SPILLWAY COLUMBIA, S</a>	No	156	156	0	0
COSW0151	<a href="#">TRIB OF GILLS CK /WOODHILL CON</a>	No	0	0	0	0
COSW0152 <sup>1</sup>	<a href="#">GILLS CK AT US 76</a>	No	6420	3180	2393	847
COSW0153	<a href="#">GILLS CK UPSTRM SIDE BRDG HW76</a>	No	0	0	0	0
COSW0154	<a href="#">GILLS CREEK AT COLUMBIA, SC</a>	No	6450	6356	0	94
COSW0155	<a href="#">EIGHT MILE BRANCH AT COVENANT ROAD COLUMBIA, SC</a>	No	156	156	0	0
COSW0156 <sup>1</sup>	<a href="#">GILLS CK ON KILBOURN RD COLUMBIA</a>	No	1178	0	448	730
COSW0157	<a href="#">GILLS CK BTWN BRDGS BLUFF RD</a>	No	0	0	0	0
COSW0158 <sup>1</sup>	<a href="#">GILLS CK AT SC 48</a>	No	7270	4238	2354	678
COSW0159	<a href="#">GILLS C NR COLUMBIA S C</a>	No	25	0	0	25
COSW0160 <sup>1</sup>	<a href="#">CONGAREE RIVER NEAR CAYCE S C</a>	No	202	0	0	202
COSW0161	<a href="#">SNELLVILLE, GA</a>	No	4	0	0	4
COSW0162	<a href="#">ROCKY BR CK UNDR BRDG @CATAWBA</a>	No	0	0	0	0
COSW0163 <sup>1</sup>	<a href="#">CONGAREE CK AT S-32-66</a>	No	261	261	0	0
COSW0164 <sup>1</sup>	<a href="#">CONGAREE RVR AT BLOSSOM ST</a>	No	3479	434	2399	646
COSW0165 <sup>1</sup>	<a href="#">CONGAREE RIVER AT BLOSSOM ST RIGHT-BROAD RIVER</a>	No	7060	5646	1414	0
COSW0166 <sup>1</sup>	<a href="#">CONGAREE RIVER AT BLOSSOM ST LEFT-SALUDA RIVER</a>	No	7199	5759	1440	0
COSW0167	<a href="#">CONGAREE RVR AT BLOSSOM ST BRDG</a>	No	15	0	15	0
COSW0168 <sup>1</sup>	<a href="#">CONGAREE RIVER AT COLUMBIA, SC</a>	No	2548	874	593	1081
COSW0169 <sup>1</sup>	<a href="#">CONGAREE CK AT US 21 AT CAYCE WTR INTAKE</a>	No	5582	3177	2012	393
COSW0170 <sup>1</sup>	<a href="#">CONGAREE CREEK AT CAYCE,S.C.</a>	No	169	0	0	169
COSW0171 <sup>1</sup>	<a href="#">SIX MI CK ON US 21 S OF CAYCE</a>	No	1880	959	584	337
COSW0172	<a href="#">SIX MILE CREEK DS SHADBLOW COMMUNITY LAKE</a>	No	52	0	52	0
COSW0173	<a href="#">SIX MILE CREEK AT SHADBLOW APARTMENTS</a>	No	52	0	52	0
COSW0174	<a href="#">UNNMD TRIB TO FALLAWS PND 0.3 W US321 ON DIRT RD</a>	No	53	53	0	0
COSW0175	<a href="#">UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 620</a>	No	52	0	52	0
COSW0176	<a href="#">SIX MILE CREEK AT COUNTY ROAD 631</a>	No	55	0	55	0
COSW0177	<a href="#">SIX MILE CREEK AT COUNTY ROAD 365</a>	No	52	0	52	0
COSW0178	<a href="#">UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 565</a>	No	51	0	51	0
COSW0179 <sup>1</sup>	<a href="#">SAVANNAH BR AT S-32-72 1.7 MI NNW OF S CONGAREE</a>	No	1713	980	583	150
COSW0180 <sup>1</sup>	<a href="#">LK CAROLINE SPILLWAY AT PLHTT SPRINGS RD</a>	No	1823	951	586	286
COSW0181	<a href="#">SIX MILE CREEK AT US 1</a>	No	54	0	54	0
COSW0182	<a href="#">SIX MILE CREEK AT COUNTY ROAD 1256</a>	No	50	0	50	0
COSW0183	<a href="#">UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 274</a>	No	50	0	50	0
COSW0184	<a href="#">CONBAREE CK AT CO.RD.168</a>	No	0	0	0	0
COSW0185	<a href="#">FIRST CK AT CO.RD.103.</a>	No	0	0	0	0
COSW0186	<a href="#">DURHAM POND DAM</a>	No	1	0	1	0
COSW0187	<a href="#">RED BANK CK AT CO. RD. 602</a>	No	0	0	0	0
COSW0188	<a href="#">CONGAREE CK AT CO.RD.602</a>	No	0	0	0	0
COSW0189	<a href="#">DURHAM POND MILL POND HEADWATERS</a>	No	1	0	1	0
COSW0190	<a href="#">HUNT POND DAM</a>	No	1	0	1	0
COSW0191	<a href="#">HUNT POND HEADWATERS</a>	No	1	0	1	0
COSW0192 <sup>1</sup>	<a href="#">RED BANK CK ON SANDY SPRING RD BTWN CORD 1046602</a>	No	1516	958	558	0
COSW0193 <sup>1</sup>	<a href="#">RED BANK CK AT CO RD 244</a>	No	1510	940	570	0
COSW0194	<a href="#">RED BANK MILL POND HEADWATERS</a>	No	1	0	1	0
COSW0195	<a href="#">RED BANK MILL POND HEADWATERS</a>	No	1	0	1	0
COSW0196	<a href="#">IRWIN'S POND MUDDY SPRINGS RD MIDDLE OF PND</a>	No	0	0	0	0
COSW0197	<a href="#">OSWALD PND EFF TRIB ENTERS AB IRWIN PND &amp; BL 005</a>	No	0	0	0	0

<sup>1</sup>Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

# **Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	3434	1932	1286	216	59	3
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	226	0	0	226	15	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	13958	11871	1399	688	118	16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	3292	2659	633	0	76	5
00025	BAROMETRIC PRESSURE (MM OF HG)	109	108	1	0	22	2
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	170	168	2	0	32	2
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	153	148	5	0	28	2
00041	WEATHER (WMO CODE 4501)	3222	2575	647	0	55	3
00049	SURFACE AREA IN SQUARE MILES	22	0	0	22	2	0
00055	VELOCITY, STREAM FT/SEC	207	207	0	0	2	0
00060	FLOW, STREAM, MEAN DAILY CFS	156	0	0	156	8	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	2335	1602	609	124	61	4
00065	STAGE, STREAM (FEET)	99	91	8	0	8	3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	173	0	6	167	16	0
00075	TURBIDITY, HELDIGE (PPM AS SILICON DIOXIDE)	201	1	0	200	16	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	3736	2445	1190	101	41	3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	83	54	29	0	6	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	425	418	7	0	7	0
00080	COLOR (PLATINUM-COBALT UNITS)	1393	636	280	477	32	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	1355	1226	129	0	9	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	340	130	11	199	36	3
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	5488	5488	0	0	15	10
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	45	45	0	0	3	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	8945	8945	0	0	18	10
00300	OXYGEN, DISSOLVED MG/L	4949	2899	1404	646	99	6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	269	0	0	269	15	0
00310	BOD, 5 DAY, 20 DEG C MG/L	3920	2201	1197	522	39	3
00335	COD, .025N K2CR2O7 MG/L	525	191	334	0	11	0
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	28	8	20	0	4	0
00340	COD, .25N K2CR2O7 MG/L	145	3	131	11	9	0
00345	BOD, 25 DAY, 20 DEG C MG/L	12	0	12	0	2	0
00355	BOD, 56 DAY, 20 DEG C MG/L	1	1	0	0	1	0
00400	PH (STANDARD UNITS)	4448	2719	1344	385	98	6
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	1062	787	275	0	23	1
00403	PH, LAB, STANDARD UNITS SU	3232	1627	1089	516	50	3
00405	CARBON DIOXIDE (MG/L AS CO2)	7	0	6	1	2	0
00406	PH, FIELD, STANDARD UNITS SU	1210	1210	0	0	18	10
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	3563	1888	1136	539	51	3
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	9	1	4	4	6	0
00440	BICARBONATE ION (MG/L AS HCO3)	53	0	6	47	4	0
00445	CARBONATE ION (MG/L AS CO3)	31	0	6	25	3	0
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	108	108	0	0	21	2
00500	RESIDUE, TOTAL (MG/L)	430	397	33	0	8	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	36	0	36	0	6	0
00510	RESIDUE, TOTAL FIXED (MG/L)	2	2	0	0	2	0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	1	1	0	0	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2255	1960	294	1	38	1
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT, REC, MG/L	1	1	0	0	1	0
00557	OIL & GREASE, SED, DRY WT, FREON EXTR.-GRAV METH, MG/KG	41	21	20	0	5	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	1	0	1	0	1	0
00573	BIOMASS, PERIPHYTON, DRY WEIGHT TOTAL (G/M2)	1	0	1	0	1	0
00600	NITROGEN, TOTAL (MG/L AS N)	46	0	7	39	10	0
00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	1	0	1	0	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	7	0	7	0	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	944	944	0	0	34	12
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2663	1875	769	19	62	3
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	1	0	1	0	1	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	944	944	0	0	34	12
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	14	0	0	14	1	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	837	837	0	0	13	10
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	58	1	0	57	15	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	117	107	10	0	21	2
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	7	1	6	0	2	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2714	1980	711	23	84	5
00626	NITROGEN, ORG. KJEL., BOT. DEPOS. (MG/KG-N DRY WGT)	31	1	30	0	9	0
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	51	51	0	0	6	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3987	2486	1169	332	65	3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	945	944	0	1	35	12
00633	NITRITE PLUS NITRATE, BOT. DEPOS. (MG/KG-N DRY WT)	1	0	1	0	1	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	1	1	0	0	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	46	0	0	46	8	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1237	837	36	364	30	10
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3507	2600	863	44	86	5
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	517	507	10	0	34	2
00668	PHOSPHORUS, TOTAL, BOTTOM DEPOSIT (MG/KG-P DRY WGT)	78	51	27	0	10	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	239	224	0	15	32	2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1409	950	444	15	43	3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	130	126	4	0	30	2
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	132	132	0	0	2	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	110	106	4	0	21	2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	1	0	1	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	826	646	108	72	35	3
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	58	0	11	47	4	0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	564	507	11	46	36	2
00916	CALCIUM, TOTAL (MG/L AS Ca)	716	631	85	0	34	2
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS Ca DRY WGT)	51	51	0	0	39	10
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	55	55	0	0	40	10
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	672	507	109	56	42	2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	716	628	88	0	34	2
00929	SODIUM, TOTAL (MG/L AS Na)	277	277	0	0	6	2
00930	SODIUM, DISSOLVED (MG/L AS Na)	563	506	11	46	36	2
00931	SODIUM ADSORPTION RATIO	35	0	11	24	2	0
00932	SODIUM, PERCENT	35	0	11	24	2	0
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS Na DRY WGT)	45	45	0	0	36	10
00935	POTASSIUM, DISSOLVED (MG/L AS K)	563	506	11	46	35	2
00937	POTASSIUM, TOTAL (MG/L AS K)	230	230	0	0	4	0
00940	CHLORIDE, TOTAL IN WATER MG/L	218	108	11	99	36	2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	116	116	0	0	9	0
00945	SULFATE, TOTAL (MG/L AS SO4)	191	133	11	47	29	2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	116	116	0	0	9	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	166	108	11	47	24	2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	564	507	11	46	36	2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	9	0	4	5	6	0
01001	ARSENIC, SUSPENDED (UG/L AS AS)	3	0	3	0	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	17	1	16	0	4	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	1	1	0	0	1	0
01005	BARIUM, DISSOLVED (UG/L AS Ba)	287	283	4	0	5	0
01006	BARIUM, SUSPENDED (UG/L AS Ba)	4	0	4	0	1	0
01007	BARIUM, TOTAL (UG/L AS Ba)	18	14	4	0	3	2
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS Ba DRY WGT)	46	46	0	0	37	10
01010	BERYLLIUM, DISSOLVED (UG/L AS Be)	2	2	0	0	2	0
01012	BERYLLIUM, TOTAL (UG/L AS Be)	14	14	0	0	2	2
01013	BERYLLIUM IN BOTTOM DEPOSITS (MG/KG AS Be DRY WGT)	46	46	0	0	37	10
01020	BORON, DISSOLVED (UG/L AS B)	283	283	0	0	4	0
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	1	1	0	0	1	0
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	484	283	124	77	20	0
01026	CADMIUM, SUSPENDED (UG/L AS Cd)	4	0	4	0	1	0
01027	CADMIUM, TOTAL (UG/L AS Cd)	1855	1545	310	0	37	5
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	271	241	30	0	54	10
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	227	197	30	0	18	0
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	476	282	123	71	18	0
01031	CHROMIUM, SUSPENDED (UG/L AS Cr)	4	0	4	0	1	0
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	1	1	0	0	1	0
01034	CHROMIUM, TOTAL (UG/L AS Cr)	1811	1500	310	1	38	5
01035	COBALT, DISSOLVED (UG/L AS Co)	287	283	4	0	5	0
01036	COBALT, SUSPENDED (UG/L AS Co)	4	0	4	0	1	0
01037	COBALT, TOTAL (UG/L AS Co)	18	14	4	0	3	2
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS Co DRY WGT)	55	55	0	0	40	10
01040	COPPER, DISSOLVED (UG/L AS Cu)	556	283	130	143	21	0
01041	COPPER, SUSPENDED (UG/L AS Cu)	4	0	4	0	1	0
01042	COPPER, TOTAL (UG/L AS Cu)	1897	1569	328	0	37	5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS Cu DRY WGT)	272	242	30	0	54	10
01044	IRON, SUSPENDED (UG/L AS Fe)	2	0	2	0	1	0
01045	IRON, TOTAL (UG/L AS Fe)	2047	1662	363	22	45	3
01046	IRON, DISSOLVED (UG/L AS Fe)	897	555	130	212	51	2
01049	LEAD, DISSOLVED (UG/L AS Pb)	562	283	130	149	21	0
01050	LEAD, SUSPENDED (UG/L AS Pb)	4	0	4	0	1	0
01051	LEAD, TOTAL (UG/L AS Pb)	1933	1570	363	0	37	5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS Pb DRY WGT)	272	242	30	0	54	10
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS Mn DRY WGT)	197	188	9	0	46	10
01054	MANGANESE, SUSPENDED (UG/L AS Mn)	5	1	4	0	2	0
01055	MANGANESE, TOTAL (UG/L AS Mn)	2035	1676	359	0	46	5

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
01056	MANGANESE, DISSOLVED (UG/L AS MN)	646	506	128	12	43	2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	283	283	0	0	4	0
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	14	14	0	0	2	2
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	46	46	0	0	37	10
01065	NICKEL, DISSOLVED (UG/L AS NI)	417	282	129	6	17	0
01067	NICKEL, TOTAL (UG/L AS NI)	1812	1536	276	0	34	3
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	218	188	30	0	15	0
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	66	40	26	0	7	0
01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	14	14	0	0	5	0
01075	SILVER, DISSOLVED (UG/L AS AG)	4	0	4	0	1	0
01076	SILVER, SUSPENDED (UG/L AS AG)	4	0	4	0	1	0
01077	SILVER, TOTAL (UG/L AS AG)	5	1	4	0	2	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	1	1	0	0	1	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	283	283	0	0	4	0
01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	45	45	0	0	36	10
01085	VANADIUM, DISSOLVED (UG/L AS V)	1	1	0	0	1	0
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	1	1	0	0	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	394	283	106	5	12	0
01091	ZINC, SUSPENDED (UG/L AS ZN)	4	0	4	0	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	1859	1549	310	0	37	5
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	272	242	30	0	54	10
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	2	2	0	0	2	0
01102	TIN, TOTAL (UG/L AS SN)	1	1	0	0	1	0
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	1	1	0	0	1	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	772	772	0	0	19	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	398	398	0	0	12	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	135	135	0	0	5	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	1	0	0	1	0
01132	LITHIUM, TOTAL (UG/L AS LI)	14	14	0	0	2	2
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	46	46	0	0	37	10
01145	SELENIUM, DISSOLVED (UG/L AS SE)	4	0	4	0	1	0
01146	SELENIUM, SUSPENDED (UG/L AS SE)	4	0	4	0	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	4	0	4	0	1	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	1	1	0	0	1	0
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	1	1	0	0	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	189	189	0	0	44	10
01360	SAMPLE LENGTH CM	113	37	76	0	7	0
01361	SAMPLE LENGTH-MAXIMUM CM	38	27	11	0	7	0
01362	SAMPLE WEIGHT-MAXIMUM G	38	27	11	0	7	0
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN. WT. COMP. GRAMS	38	27	11	0	7	0
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS. COMP. CM	39	27	12	0	7	0
01372	SAMPLE, INDIVID BIOLOGICAL TISS. MIN. LENGTH CM	38	27	11	0	7	0
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	38	26	12	0	7	0
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	113	37	76	0	7	0
01503	ALPHA, DISSOLVED	1	0	0	1	1	0
01505	ALPHA, SUSPENDED	1	0	0	1	1	0
03503	BETA, DISSOLVED	1	0	0	1	1	0
03505	BETA, SUSPENDED	1	0	0	1	1	0
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	37	37	0	0	5	2
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
04040	DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	77	77	0	0	21	2
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	77	77	0	0	21	2
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	30	30	0	0	16	0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	93	1	10	82	18	0
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	29	21	0	8	2	0
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	21	9	12	0	1	0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	231	52	12	167	25	0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	3976	2240	1166	570	49	3
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	60	50	10	0	20	2
31649	ENTEROCOCCI- ME-MF N0/100ML	17	17	0	0	16	1
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	303	261	42	0	27	2
32101	BROMODICHLOROMETHANE, WHOLE WATER, UG/L	78	78	0	0	24	0
32102	CARBON TETRACHLORIDE, WHOLE WATER, UG/L	78	78	0	0	24	0
32103	1,2-DICHLOROETHANE, WHOLE WATER, UG/L	30	30	0	0	16	0
32104	BROMOFORM, WHOLE WATER, UG/L	78	78	0	0	24	0
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, UG/L	78	78	0	0	24	0
32106	CHLOROFORM, WHOLE WATER, UG/L	78	78	0	0	24	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	1233	1215	18	0	25	10
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	205	205	0	0	2	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	205	205	0	0	2	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	142	125	17	0	2	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	78	78	0	0	24	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	78	78	0	0	24	0
34200	ACENAPHTHYLENE TOTWUG/L	43	43	0	0	5	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34204	ACENAPHTHYLENE WET WGTTISMG/KG	11	11	0	0	2	0
34205	ACENAPHTHENE TOTWUG/L	43	43	0	0	5	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34209	ACENAPHTHENE WET WGTTISMG/KG	11	11	0	0	2	0
34210	ACROLEIN TOTWUG/L	28	28	0	0	16	0
34215	ACRYLONITRILE TOTWUG/L	28	28	0	0	16	0
34220	ANTHRACENE TOTWUG/L	43	43	0	0	5	0
34223	ANTHRACENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34224	ANTHRACENE WET WGTTISMG/KG	11	11	0	0	2	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	43	43	0	0	5	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	40	40	0	0	5	0
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	11	11	0	0	2	0
34237	BENZENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34238	BENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34241	BENZIDINE WET WGTTISMG/KG	3	3	0	0	1	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	43	43	0	0	5	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	40	40	0	0	5	0
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	11	11	0	0	2	0
34247	BENZO-A-PYRENE TOTWUG/L	43	43	0	0	5	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34251	BENZO-A-PYRENE WET WGTTISMG/KG	11	11	0	0	2	0
34253	A-BHC-ALPHA DISSUG/L	77	77	0	0	21	2
34257	B-BHC-BETA DRY WGTBOTUG/KG	55	54	1	0	10	0
34258	B-BHC-BETA WET WGTTISMG/KG	2	0	2	0	1	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	18	18	0	0	6	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	43	43	0	0	5	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	40	40	0	0	5	0
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	43	43	0	0	5	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	40	40	0	0	5	0
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	3	3	0	0	1	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	43	43	0	0	5	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	40	40	0	0	5	0
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34290	BROMOFORM DRY WGTBOTUG/KG	38	38	0	0	5	0
34291	BROMOFORM WET WGTTISMG/KG	1	1	0	0	1	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	43	43	0	0	5	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	37	37	0	0	5	0
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34301	CHLOROBENZENE TOTWUG/L	96	96	0	0	24	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	19	19	0	0	5	0
34305	CHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34311	CHLOROETHANE TOTWUG/L	78	78	0	0	24	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34315	CHLOROETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34318	CHLOROFORM DRY WGTBOTUG/KG	38	38	0	0	5	0
34319	CHLOROFORM WET WGTTISMG/KG	1	1	0	0	1	0
34320	CHRYSENE TOTWUG/L	42	42	0	0	5	0
34323	CHRYSENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34324	CHRYSENE WET WGTTISMG/KG	11	11	0	0	2	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	39	39	0	0	5	0
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34336	DIETHYL PHTHALATE TOTWUG/L	43	43	0	0	5	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	39	39	0	0	5	0
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	0
34341	DIMETHYL PHTHALATE TOTWUG/L	43	43	0	0	5	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	40	40	0	0	5	0
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	0
34351	ENDOSULFAN SULFATE TOTWUG/L	53	53	0	0	6	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	45	45	0	0	9	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	16	16	0	0	6	0
34356	ENDOSULFAN, BETA TOTWUG/L	53	53	0	0	6	0

**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	45	45	0	0	9	0
34360	ENDOSULFAN, BETA WET WGTISMKG/KG	16	16	0	0	6	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	53	53	0	0	6	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	45	45	0	0	9	0
34365	ENDOSULFAN, ALPHA WET WGTISMKG/KG	16	16	0	0	6	0
34366	ENDRIN ALDEHYDE TOTWUG/L	53	53	0	0	6	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	45	45	0	0	9	0
34370	ENDRIN ALDEHYDE WET WGTISMKG/KG	16	16	0	0	6	0
34371	ETHYLBENZENE TOTWUG/L	78	78	0	0	24	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34375	ETHYLBENZENE WET WGTISMKG/KG	1	1	0	0	1	0
34376	FLUORANTHENE TOTWUG/L	43	43	0	0	5	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	41	41	0	0	5	0
34380	FLUORANTHENE WET WGTISMKG/KG	11	11	0	0	2	0
34381	FLUORENE TOTWUG/L	43	43	0	0	5	0
34384	FLUORENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34385	FLUORENE WET WGTISMKG/KG	11	11	0	0	2	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	44	44	0	0	5	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34390	HEXACHLOROCYCLOPENTADIENE WET WGTISMKG/KG	3	3	0	0	1	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	43	43	0	0	5	0
34395	HEXACHLOROBUTADIENE WET WGTISMKG/KG	3	3	0	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	71	71	0	0	21	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	40	40	0	0	5	0
34400	HEXACHLOROETHANE WET WGTISMKG/KG	3	3	0	0	1	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	43	43	0	0	5	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34407	INDENO (1,2,3-CD) PYRENE WET WGTISMKG/KG	11	11	0	0	2	0
34408	ISOPHORONE TOTWUG/L	43	43	0	0	5	0
34411	ISOPHORONE DRY WGTBOTUG/KG	40	40	0	0	5	0
34412	ISOPHORONE WET WGTISMKG/KG	3	3	0	0	1	0
34413	METHYL BROMIDE TOTWUG/L	77	77	0	0	24	0
34418	METHYL CHLORIDE TOTWUG/L	77	77	0	0	24	0
34423	METHYLENE CHLORIDE TOTWUG/L	78	78	0	0	24	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	38	38	0	0	5	0
34427	METHYLENE CHLORIDE WET WGTISMKG/KG	1	1	0	0	1	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	43	43	0	0	5	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	39	39	0	0	5	0
34432	N-NITROSODI-N-PROPYLAMINE WET WGTISMKG/KG	3	3	0	0	1	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	44	44	0	0	5	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	39	39	0	0	5	0
34437	N-NITROSODIPHENYLAMINE WET WGTISMKG/KG	9	9	0	0	2	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	44	44	0	0	5	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	41	41	0	0	5	0
34442	N-NITROSODIMETHYLAMINE WET WGTISMKG/KG	3	3	0	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34446	NAPHTHALENE WET WGTISMKG/KG	11	11	0	0	2	0
34447	NITROBENZENE TOTWUG/L	43	43	0	0	5	0
34450	NITROBENZENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34451	NITROBENZENE WET WGTISMKG/KG	4	4	0	0	2	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	43	43	0	0	5	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	3	3	0	0	3	0
34456	PARACHLOROMETA CRESOL WET WGTISMKG/KG	4	4	0	0	2	0
34461	PHENANTHRENE TOTWUG/L	43	43	0	0	5	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34465	PHENANTHRENE WET WGTISMKG/KG	11	11	0	0	2	0
34468	PHENOL WET WGTISMKG/KG	3	3	0	0	1	0
34469	PYRENE TOTWUG/L	43	43	0	0	5	0
34472	PYRENE DRY WGTBOTUG/KG	41	41	0	0	5	0
34473	PYRENE WET WGTISMKG/KG	11	11	0	0	2	0
34475	TETRACHLOROETHYLENE TOTWUG/L	78	78	0	0	24	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34479	TETRACHLOROETHYLENE WET WGTISMKG/KG	1	1	0	0	1	0
34480	THALLIUM DRY WGTBOTMG/KG	1	1	0	0	1	0
34483	TOLUENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34484	TOLUENE WET WGTISMKG/KG	1	1	0	0	1	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	78	78	0	0	24	0
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34492	TRICHLOROFLUOROMETHANE WET WGTISMKG/KG	1	1	0	0	1	0
34493	VINYL CHLORIDE DISSUG/L	1	1	0	0	1	0

**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	37	37	0	0	5	0
34496	1,1-DICHLOROETHANE TOTWUG/L	77	77	0	0	24	0
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34500	1,1-DICHLOROETHANE WET WGTISMKG/KG	1	1	0	0	1	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	78	78	0	0	24	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	38	38	0	0	5	0
34505	1,1-DICHLOROETHYLENE WET WGTISMKG/KG	1	1	0	0	1	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	77	77	0	0	24	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34510	1,1,1-TRICHLOROETHANE WET WGTISMKG/KG	1	1	0	0	1	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	78	78	0	0	24	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34515	1,1,2-TRICHLOROETHANE WET WGTISMKG/KG	1	1	0	0	1	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	78	78	0	0	24	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34520	1,1,2,2-TETRACHLOROETHANE WET WGTISMKG/KG	1	1	0	0	1	0
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	43	43	0	0	5	0
34524	BENZO(GH)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	40	40	0	0	5	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	43	43	0	0	5	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	40	40	0	0	5	0
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTISMKG/KG	11	11	0	0	2	0
34531	1,2-DICHLOROETHANE TOTWUG/L	48	48	0	0	8	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34535	1,2-DICHLOROETHANE WET WGTISMKG/KG	2	2	0	0	2	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	87	87	0	0	25	0
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	41	41	0	0	5	0
34540	1,2-DICHLOROBENZENE WET WGTISMKG/KG	3	3	0	0	1	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	78	78	0	0	24	0
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	38	38	0	0	5	0
34545	1,2-DICHLOROPROPANE WET WGTISMKG/KG	1	1	0	0	1	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	78	78	0	0	24	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	38	38	0	0	5	0
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	1	1	0	0	1	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	72	72	0	0	21	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	39	39	0	0	5	0
34555	1,2,4-TRICHLOROBENZENE WET WGTISMKG/KG	4	4	0	0	2	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	43	43	0	0	5	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34560	1,2,5,6-DIBENZANTHRACENE WET WGTISMKG/KG	3	3	0	0	1	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	86	86	0	0	24	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	41	41	0	0	5	0
34570	1,3-DICHLOROBENZENE WET WGTISMKG/KG	3	3	0	0	1	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	86	86	0	0	24	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	41	41	0	0	5	0
34575	1,4-DICHLOROBENZENE WET WGTISMKG/KG	3	3	0	0	1	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	48	48	0	0	8	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	38	38	0	0	5	0
34580	2-CHLOROETHYL VINYL ETHER WET WGTISMKG/KG	1	1	0	0	1	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	43	43	0	0	5	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34585	2-CHLORONAPHTHALENE WET WGTISMKG/KG	3	3	0	0	1	0
34586	2-CHLOROPHENOL TOTWUG/L	43	43	0	0	5	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	40	40	0	0	5	0
34590	2-CHLOROPHENOL WET WGTISMKG/KG	3	3	0	0	1	0
34591	2-NITROPHENOL TOTWUG/L	43	43	0	0	5	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	40	40	0	0	5	0
34595	2-NITROPHENOL WET WGTISMKG/KG	3	3	0	0	1	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	42	42	0	0	5	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	39	39	0	0	5	0
34600	DI-N-OCTYL PHTHALATE WET WGTISMKG/KG	3	3	0	0	1	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	43	43	0	0	5	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	40	40	0	0	5	0
34605	2,4-DICHLOROPHENOL WET WGTISMKG/KG	3	3	0	0	1	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	43	43	0	0	5	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	40	40	0	0	5	0
34610	2,4-DIMETHYLPHENOL WET WGTISMKG/KG	3	3	0	0	1	0
34611	2,4-DINITROTOLUENE TOTWUG/L	43	43	0	0	5	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	40	40	0	0	5	0
34615	2,4-DINITROTOLUENE WET WGTISMKG/KG	3	3	0	0	1	0
34616	2,4-DINITROPHENOL TOTWUG/L	13	13	0	0	5	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	18	18	0	0	5	0



**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34620	2,4-DINITROPHENOL WET WGT TISM/G/KG	3	3	0	0	1	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	44	44	0	0	5	0
34624	2,4,6-TRICHLOROPHENOL DRY WGT BOTUG/KG	40	40	0	0	5	0
34625	2,4,6-TRICHLOROPHENOL WET WGT TISM/G/KG	3	3	0	0	1	0
34626	2,6-DINITROTOLUENE TOTWUG/L	43	43	0	0	5	0
34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	40	40	0	0	5	0
34630	2,6-DINITROTOLUENE WET WGT TISM/G/KG	3	3	0	0	1	0
34631	3,3'-DICHLORO BENZIDINE TOTWUG/L	43	43	0	0	5	0
34634	3,3'-DICHLORO BENZIDINE DRY WGT BOTUG/KG	40	40	0	0	5	0
34635	3,3'-DICHLORO BENZIDINE WET WGT TISM/G/KG	3	3	0	0	1	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	43	43	0	0	5	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	40	40	0	0	5	0
34640	4-BROMOPHENYL PHENYL ETHER WET WGT TISM/G/KG	3	3	0	0	1	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	43	43	0	0	5	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	40	40	0	0	5	0
34645	4-CHLOROPHENYL PHENYL ETHER WET WGT TISM/G/KG	3	3	0	0	1	0
34646	4-NITROPHENOL TOTWUG/L	43	43	0	0	5	0
34649	4-NITROPHENOL DRY WGT BOTUG/KG	40	40	0	0	5	0
34650	4-NITROPHENOL WET WGT TISM/G/KG	3	3	0	0	1	0
34653	P,P'-DDE DISSUG/L	77	77	0	0	21	2
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	43	43	0	0	5	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGT BOTUG/KG	3	3	0	0	3	0
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGT TISM/G/KG	3	3	0	0	1	0
34664	PCB - 1221 WET WGT TISM/G/KG	16	16	0	0	6	0
34667	PCB - 1232 WET WGT TISM/G/KG	16	16	0	0	6	0
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	30	30	0	0	16	0
34669	PCB - 1248 WET WGT TISM/G/KG	16	16	0	0	6	0
34670	PCB - 1260 WET WGT TISM/G/KG	16	16	0	0	6	0
34671	PCB - 1016 TOTWUG/L	53	53	0	0	6	0
34674	PCB - 1016 WET WGT TISM/G/KG	16	16	0	0	6	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	2	0	2	0	1	0
34683	DI-N-BUTYL PHTHALATE, TISSUE, WET WGT WET WGT	3	3	0	0	1	0
34685	ENDRIN WET WGT TISM/G/KG	2	0	2	0	1	0
34688	HEXACHLORO BENZENE WET WGT TISM/G/KG	3	3	0	0	1	0
34689	PCB - 1242 WET WGT TISM/G/KG	16	16	0	0	6	0
34690	PCB - 1254 WET WGT TISM/G/KG	16	16	0	0	6	0
34692	TRICHLOROETHYLENE WET WGT TISM/G/KG	1	1	0	0	1	0
34693	VINYL CHLORIDE WET WGT TISM/G/KG	1	1	0	0	1	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	44	44	0	0	5	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	40	40	0	0	5	0
34696	NAPHTHALENE TOTWUG/L	73	73	0	0	21	0
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	38	38	0	0	5	0
34698	TRANS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
34699	TRANS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	78	78	0	0	24	0
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	38	38	0	0	5	0
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	78	78	0	0	24	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34800	ARSENIC, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34805	BARIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34810	BERYLLIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34816	BISMUTH, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34825	CADMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34830	CALCIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34835	CERIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34840	COBALT, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34845	CHROMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34850	COPPER, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34855	EUROPIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34860	GALLIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34870	GOLD, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34875	HOLMIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34880	IRON, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34885	LANTHANUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34890	LEAD, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34895	LITHIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34900	MAGNESIUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34905	MANGANESE, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34910	MERCURY, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0
34915	MOLYBDENUM, BEDLOAD SED, WET SIEVE DIAM	1	1	0	0	1	0

**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	1	0	0	1	1	0
38442	DICAMBA (BANVEL) WATER,DISSUG/L	37	37	0	0	5	2
38478	LINURON WATER,DISSUG/L	37	37	0	0	5	2
38482	MCPA WATER,DISSUG/L	37	37	0	0	5	2
38487	MCPB WATER,DISSUG/L	37	37	0	0	5	2
38501	METHIOCARB WATER,DISSUG/L	37	37	0	0	5	2
38538	PROPOXUR WATER,DISSUG/L	37	37	0	0	5	2
38711	BENTAZON WATER, DISUG/L	37	37	0	0	5	2
38746	2,4-DB WATER, DISUG/L	37	37	0	0	5	2
38811	FLUOMETURON WATER, DISUG/L	37	37	0	0	5	2
38866	OXAMYL WATER, DISUG/L	36	36	0	0	5	2
38933	CHLORPYRIFOS,DISSOLVED UG/L	77	77	0	0	21	2
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	43	43	0	0	5	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	3	3	0	0	1	0
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	84	41	43	0	8	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	53	52	1	0	10	0
39086	ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	108	108	0	0	21	2
39099	BIS(2-ETHYLHEXYL)PHTHALATE, TISSUE, WET WGT, MG/KG	3	3	0	0	1	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	43	43	0	0	5	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	40	40	0	0	5	0
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	43	43	0	0	5	0
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	40	40	0	0	5	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	14	14	0	0	5	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	18	18	0	0	5	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	78	78	0	0	24	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	78	78	0	0	24	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	1	0	0	1	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	6	0	3	3	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	81	54	27	0	13	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	16	16	0	0	6	0
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	68	45	23	0	9	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	71	45	26	0	13	0
39307	O P DDT IN TISSUE WET WGT (UG/G)	15	15	0	0	6	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	81	54	27	0	13	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	16	16	0	0	6	0
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	68	45	23	0	9	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	70	45	25	0	13	0
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	12	0	12	0	2	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	81	54	27	0	13	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	16	16	0	0	6	0
39325	O,P DDD IN TISSUE WET WGT (UG/G)	16	16	0	0	6	0
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	66	45	21	0	8	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	51	45	6	0	10	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	82	55	27	0	14	0
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	82	41	41	0	7	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	79	62	17	0	6	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	87	63	24	0	8	0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	10	0	10	0	4	0

**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	77	77	0	0	21	2
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	9	0	9	0	3	0
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	82	41	41	0	7	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	57	57	0	0	6	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	49	45	4	0	9	0
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	88	31	57	0	4	0
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	88	31	57	0	4	0
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	88	31	57	0	4	0
39376	DDT SUM ANALOGS INTISSUE WET BASIS	88	31	57	0	4	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76	76	0	0	20	2
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	81	54	27	0	13	0
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	90	41	49	0	7	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	81	54	27	0	13	0
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	86	41	45	0	7	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	47	35	12	0	13	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	81	54	27	0	13	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	4	0	2	2	1	0
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	84	41	43	0	8	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	79	54	25	0	13	0
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	53	41	12	0	7	0
39415	METOLACHLOR, WATER, DISSOLVED UG/L	77	77	0	0	21	2
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	79	54	25	0	13	0
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	53	41	12	0	7	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	60	45	15	0	6	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	60	44	16	0	10	0
39482	METHOXYCHLOR IN FISH - UG/KG	82	41	41	0	7	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	35	35	0	0	9	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	46	46	0	0	9	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	45	45	0	0	9	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	46	46	0	0	9	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	46	46	0	0	9	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	53	53	0	0	6	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	46	46	0	0	9	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	46	46	0	0	9	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	80	31	49	0	4	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	28	10	18	0	5	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	25	9	16	0	5	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	47	35	12	0	13	0
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	74	74	0	0	21	2
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	30	30	0	0	7	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	47	35	12	0	13	0
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76	76	0	0	21	2
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	47	35	12	0	13	0
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	77	77	0	0	21	2
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	47	35	12	0	13	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	4	0
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39632	ATRAZINE DISSOLVED IN WATER PPB	77	77	0	0	21	2
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	52	52	0	0	6	0
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	45	45	0	0	9	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	30	30	0	0	16	0
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	82	41	41	0	7	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	40	40	0	0	5	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	37	37	0	0	5	2

**Parameter Period of Record Tabulation  
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Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	37	37	0	0	5	2
39755	MIREX, TOTAL (UG/L)	39	39	0	0	6	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	35	35	0	0	9	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	37	37	0	0	5	2
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9	0
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	81	54	27	0	13	0
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	82	41	41	0	7	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	2	0	2	0	1	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	63	45	18	0	9	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	47	35	12	0	13	0
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	22	22	0	0	5	0
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	24	22	2	0	6	0
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	14	14	0	0	5	0
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	30	30	0	0	7	0
46335	ETHION IN TISSUE WET WEIGHT MG/KG	30	30	0	0	7	0
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	77	77	0	0	21	2
46501	PHYTOPLANKTON, TOTAL COUNT /ML	6	0	0	6	3	0
46502	ZOOPLANKTON, TOTAL COUNT /LITER	6	0	0	6	3	0
46529	PRECIPITATION (INCHES)	624	624	0	0	2	0
49235	INVALID PARAMETER	37	37	0	0	5	2
49236	INVALID PARAMETER	37	37	0	0	5	2
49260	INVALID PARAMETER	77	77	0	0	21	2
49266	INVALID PARAMETER	1	1	0	0	1	0
49267	INVALID PARAMETER	1	1	0	0	1	0
49269	INVALID PARAMETER	1	1	0	0	1	0
49270	INVALID PARAMETER	1	1	0	0	1	0
49271	INVALID PARAMETER	1	1	0	0	1	0
49272	INVALID PARAMETER	1	1	0	0	1	0
49274	INVALID PARAMETER	1	1	0	0	1	0
49275	INVALID PARAMETER	1	1	0	0	1	0
49276	INVALID PARAMETER	1	1	0	0	1	0
49277	INVALID PARAMETER	1	1	0	0	1	0
49278	INVALID PARAMETER	1	1	0	0	1	0
49279	INVALID PARAMETER	1	1	0	0	1	0
49280	INVALID PARAMETER	1	1	0	0	1	0
49291	INVALID PARAMETER	37	37	0	0	5	2
49292	INVALID PARAMETER	37	37	0	0	5	2
49293	INVALID PARAMETER	37	37	0	0	5	2
49294	INVALID PARAMETER	37	37	0	0	5	2
49295	INVALID PARAMETER	37	37	0	0	5	2
49296	INVALID PARAMETER	36	36	0	0	5	2
49297	INVALID PARAMETER	37	37	0	0	5	2
49298	INVALID PARAMETER	37	37	0	0	5	2
49299	INVALID PARAMETER	37	37	0	0	5	2
49300	INVALID PARAMETER	37	37	0	0	5	2
49301	INVALID PARAMETER	37	37	0	0	5	2
49302	INVALID PARAMETER	37	37	0	0	5	2
49303	INVALID PARAMETER	37	37	0	0	5	2
49304	INVALID PARAMETER	37	37	0	0	5	2
49305	INVALID PARAMETER	36	36	0	0	5	2
49306	INVALID PARAMETER	37	37	0	0	5	2
49307	INVALID PARAMETER	36	36	0	0	5	2
49308	INVALID PARAMETER	37	37	0	0	5	2
49309	INVALID PARAMETER	37	37	0	0	5	2
49310	INVALID PARAMETER	37	37	0	0	5	2
49311	INVALID PARAMETER	37	37	0	0	5	2
49312	INVALID PARAMETER	37	37	0	0	5	2
49313	INVALID PARAMETER	36	36	0	0	5	2
49314	INVALID PARAMETER	36	36	0	0	5	2
49315	INVALID PARAMETER	37	37	0	0	5	2
49316	INVALID PARAMETER	1	1	0	0	1	0
49317	INVALID PARAMETER	1	1	0	0	1	0
49318	INVALID PARAMETER	1	1	0	0	1	0
49319	INVALID PARAMETER	1	1	0	0	1	0
49320	INVALID PARAMETER	1	1	0	0	1	0
49321	INVALID PARAMETER	1	1	0	0	1	0
49322	INVALID PARAMETER	1	1	0	0	1	0
49324	INVALID PARAMETER	1	1	0	0	1	0
49325	INVALID PARAMETER	1	1	0	0	1	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
49326	INVALID PARAMETER	1	1	0	0	1	0
49327	INVALID PARAMETER	1	1	0	0	1	0
49328	INVALID PARAMETER	1	1	0	0	1	0
49329	INVALID PARAMETER	1	1	0	0	1	0
49330	INVALID PARAMETER	1	1	0	0	1	0
49331	INVALID PARAMETER	1	1	0	0	1	0
49332	INVALID PARAMETER	1	1	0	0	1	0
49335	INVALID PARAMETER	1	1	0	0	1	0
49338	INVALID PARAMETER	1	1	0	0	1	0
49339	INVALID PARAMETER	1	1	0	0	1	0
49341	INVALID PARAMETER	1	1	0	0	1	0
49342	INVALID PARAMETER	1	1	0	0	1	0
49343	INVALID PARAMETER	1	1	0	0	1	0
49344	INVALID PARAMETER	1	1	0	0	1	0
49345	INVALID PARAMETER	1	1	0	0	1	0
49346	INVALID PARAMETER	1	1	0	0	1	0
49347	INVALID PARAMETER	1	1	0	0	1	0
49348	INVALID PARAMETER	1	1	0	0	1	0
49349	INVALID PARAMETER	1	1	0	0	1	0
49350	INVALID PARAMETER	1	1	0	0	1	0
49351	INVALID PARAMETER	1	1	0	0	1	0
49381	INVALID PARAMETER	1	1	0	0	1	0
49382	INVALID PARAMETER	1	1	0	0	1	0
49383	INVALID PARAMETER	1	1	0	0	1	0
49384	INVALID PARAMETER	1	1	0	0	1	0
49387	INVALID PARAMETER	1	1	0	0	1	0
49388	INVALID PARAMETER	1	1	0	0	1	0
49389	INVALID PARAMETER	1	1	0	0	1	0
49390	INVALID PARAMETER	1	1	0	0	1	0
49391	INVALID PARAMETER	1	1	0	0	1	0
49392	INVALID PARAMETER	1	1	0	0	1	0
49393	INVALID PARAMETER	1	1	0	0	1	0
49394	INVALID PARAMETER	1	1	0	0	1	0
49395	INVALID PARAMETER	1	1	0	0	1	0
49396	INVALID PARAMETER	1	1	0	0	1	0
49397	INVALID PARAMETER	1	1	0	0	1	0
49398	INVALID PARAMETER	1	1	0	0	1	0
49399	INVALID PARAMETER	1	1	0	0	1	0
49400	INVALID PARAMETER	1	1	0	0	1	0
49401	INVALID PARAMETER	1	1	0	0	1	0
49402	INVALID PARAMETER	1	1	0	0	1	0
49403	INVALID PARAMETER	1	1	0	0	1	0
49404	INVALID PARAMETER	1	1	0	0	1	0
49405	INVALID PARAMETER	1	1	0	0	1	0
49406	INVALID PARAMETER	1	1	0	0	1	0
49407	INVALID PARAMETER	1	1	0	0	1	0
49408	INVALID PARAMETER	1	1	0	0	1	0
49409	INVALID PARAMETER	1	1	0	0	1	0
49410	INVALID PARAMETER	1	1	0	0	1	0
49411	INVALID PARAMETER	1	1	0	0	1	0
49413	INVALID PARAMETER	1	1	0	0	1	0
49421	INVALID PARAMETER	1	1	0	0	1	0
49422	INVALID PARAMETER	1	1	0	0	1	0
49424	INVALID PARAMETER	1	1	0	0	1	0
49426	INVALID PARAMETER	1	1	0	0	1	0
49427	INVALID PARAMETER	1	1	0	0	1	0
49428	INVALID PARAMETER	1	1	0	0	1	0
49429	INVALID PARAMETER	1	1	0	0	1	0
49430	INVALID PARAMETER	1	1	0	0	1	0
49431	INVALID PARAMETER	1	1	0	0	1	0
49433	INVALID PARAMETER	1	1	0	0	1	0
49434	INVALID PARAMETER	1	1	0	0	1	0
49435	INVALID PARAMETER	1	1	0	0	1	0
49436	INVALID PARAMETER	1	1	0	0	1	0
49437	INVALID PARAMETER	1	1	0	0	1	0
49438	INVALID PARAMETER	1	1	0	0	1	0
49439	INVALID PARAMETER	1	1	0	0	1	0
49441	INVALID PARAMETER	1	1	0	0	1	0
49442	INVALID PARAMETER	1	1	0	0	1	0
49443	INVALID PARAMETER	1	1	0	0	1	0
49444	INVALID PARAMETER	1	1	0	0	1	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
49446	INVALID PARAMETER	1	1	0	0	1	0
49449	INVALID PARAMETER	1	1	0	0	1	0
49450	INVALID PARAMETER	1	1	0	0	1	0
49451	INVALID PARAMETER	1	1	0	0	1	0
49452	INVALID PARAMETER	1	1	0	0	1	0
49454	INVALID PARAMETER	1	1	0	0	1	0
49455	INVALID PARAMETER	1	1	0	0	1	0
49458	INVALID PARAMETER	1	1	0	0	1	0
49459	INVALID PARAMETER	1	1	0	0	1	0
49460	INVALID PARAMETER	1	1	0	0	1	0
49461	INVALID PARAMETER	1	1	0	0	1	0
49466	INVALID PARAMETER	1	1	0	0	1	0
49467	INVALID PARAMETER	1	1	0	0	1	0
49468	INVALID PARAMETER	1	1	0	0	1	0
49490	INVALID PARAMETER	1	1	0	0	1	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	1	0	0	1	1	0
50086	SETTLEABLE MATTER (ML/L/HR)	4	0	4	0	2	0
60050	ALGAE, TOTAL (CELLS/ML)	4	0	4	0	1	0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	279	222	11	46	32	2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11	0	10	1	2	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	34	0	11	23	2	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	36	0	11	25	3	0
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	624	624	0	0	2	0
70310	PH, STANDARD UNITS, BOTTOM MUDS	2	2	0	0	2	0
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	11	9	2	0	5	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	70	51	19	0	6	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	118	107	11	0	21	2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	950	527	423	0	44	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	1	0	1	0	1	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	1	0	1	0	1	0
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	570	570	0	0	14	10
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	67	0	0	67	13	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	25	0	0	25	12	0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	22	0	0	22	2	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	44	0	0	44	3	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	7	0	7	0	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	4	0	4	0	1	0
71895	MERCURY, SUSPENDED (UG/L AS HG)	4	0	4	0	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	1741	1156	421	164	45	3
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	169	140	29	0	15	0
71930	MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	126	63	63	0	10	0
71936	LEAD, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	103	40	63	0	7	0
71937	COPPER, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	90	40	50	0	7	0
71938	ZINC, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	103	40	63	0	7	0
71939	CHROMIUM, TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	103	40	63	0	7	0
71940	CADMIUM, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	103	40	63	0	7	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	18	0	0	18	2	0
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	1	0	0	1	1	0
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	1	0	0	1	1	0
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	36	0	26	10	4	0
72025	DEPTH OF POND OR RESERVOIR IN FEET	36	0	36	0	6	0
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	2	2	0	0	2	0
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	2	2	0	0	2	0
75212	BENZYL ALCOHOL SEDIMENT, DRY WGT, UG/KG	40	40	0	0	5	0
75315	BENZOIC ACID SEDIMENT, DRY WGT, UG/KG	40	40	0	0	5	0
75647	DIBENZOFURAN SEDIMENT, DRY WGT, UG/KG	40	40	0	0	5	0
76184	BENZYL ALCOHOL TISSUE, WET WGT, MG/KG	3	3	0	0	1	0
76287	BENZOIC ACID TISSUE, WET WGT, MG/KG	3	3	0	0	1	0
76619	DIBENZOFURAN TISSUE, WET WGT, MG/KG	3	3	0	0	1	0
77041	CARBON DISULFIDE WHOLE WATER, UG/L	28	28	0	0	16	0
77057	VINYL ACETATE WHOLE WATER, UG/L	28	28	0	0	16	0
77089	ANILINE WHOLE WATER, UG/L	44	44	0	0	5	0
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER, UG/L	30	30	0	0	16	0
77103	2-HEXANONE WHOLE WATER, UG/L	28	28	0	0	16	0
77128	STYRENE WHOLE WATER, UG/L	30	30	0	0	16	0
77135	O-XYLENE WHOLE WATER, UG/L	28	28	0	0	16	0
77146	P-CRESOL WHOLE WATER, UG/L	2	2	0	0	2	0
77147	BENZYL ALCOHOL WHOLE WATER, UG/L	44	44	0	0	5	0
77152	O-CRESOL WHOLE WATER, UG/L	3	3	0	0	3	0
77168	1,1-DICHLOROPROPENE WHOLE WATER, UG/L	30	30	0	0	16	0
77170	2,2-DICHLOROPROPANE WHOLE WATER, UG/L	30	30	0	0	16	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	30	30	0	0	16	0
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77247	BENZOIC ACID WHOLE WATER,UG/L	44	44	0	0	5	0
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	30	30	0	0	16	0
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	30	30	0	0	16	0
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	30	30	0	0	16	0
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	44	44	0	0	5	0
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	30	30	0	0	16	0
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	30	30	0	0	16	0
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	30	30	0	0	16	0
77625	AZOBENZENE WHOLE WATER,UG/L	44	44	0	0	5	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	30	30	0	0	16	0
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	30	30	0	0	16	0
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	44	44	0	0	5	0
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	30	30	0	0	16	0
78133	4-METHYL-2-PENTANONE IN WATER UG/L	28	28	0	0	16	0
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	2	2	0	0	2	0
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	38	38	0	0	5	0
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	40	40	0	0	5	0
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	44	44	0	0	5	0
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	40	40	0	0	5	0
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	36	36	0	0	9	0
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	37	37	0	0	5	0
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	40	40	0	0	5	0
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	39	39	0	0	5	0
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	40	40	0	0	5	0
79005	CHLORDANE, GAMMA, IN FISH UG/KG	6	0	6	0	3	0
79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	8	0	8	0	2	0
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	3	3	0	0	1	0
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	8	8	0	0	2	0
79041	BENZO(GH)PERYLENE TISWETWTMG/KG	11	11	0	0	2	0
80153	CARBON, ORGANIC, IN SEDIMENT (% AS C)	8	0	8	0	2	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	159	107	11	41	22	2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	52	0	11	41	2	0
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	44	44	0	0	5	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	2	0	2	0	1	0
81551	XYLENE WHL WATER SMPL UG/L	2	2	0	0	1	0
81552	ACETONE WHL WATER SMPL UG/L	28	28	0	0	16	0
81555	BROMOBENZENE WHL WATER SMPL UG/L	30	30	0	0	16	0
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	28	28	0	0	16	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	158	64	91	3	11	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	1	0	1	0	1	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	2	0	2	0	1	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	82	41	41	0	7	0
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	12	12	0	0	6	0
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	15	15	0	0	4	0
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	26	26	0	0	4	0
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	16	16	0	0	6	0
81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	30	30	0	0	7	0
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	30	30	0	0	7	0
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	30	30	0	0	7	0
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	30	30	0	0	7	0
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	30	30	0	0	7	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	6	0	3	3	1	0
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	6	0	3	3	1	0
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	18	16	2	0	7	0
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	3190	2144	834	212	47	3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	208	208	0	0	2	0
82398	SAMPLING METHOD (CODES)	1	0	1	0	1	0

**Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Parameter Code	Name	Total Obs	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	227	227	0	0	10	0
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	30	30	0	0	16	0
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	77	77	0	0	21	2
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	31	31	0	0	9	0
82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	10	10	0	0	4	0
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	77	77	0	0	21	2
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	77	77	0	0	21	2
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	77	77	0	0	21	2
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	77	77	0	0	21	2
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	76	76	0	0	21	2
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	76	76	0	0	21	2
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	76	76	0	0	21	2
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	76	76	0	0	21	2
84007	ANATOMY ALPHA CODE	158	64	91	3	11	0
84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	27	24	3	0	6	0
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	152	64	88	0	10	0
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	27	27	0	0	16	0



# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0001	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0003	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0004	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0006	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/22/83-03/26/85	2	22	
COSW0007	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0008	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0010	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/13/83-03/26/85	1	20	
COSW0016	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0018	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/03/84-03/26/85	1	12	
COSW0019	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/27/83-06/26/97	14	173	
COSW0020	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0021	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/10/73-05/14/75	1	2	
COSW0027	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0028	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/08/88-04/05/88	0	2	
COSW0033	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	02/03/84-03/26/85	1	12	
COSW0037	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	04/30/73-06/26/97	24	312	
COSW0043	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/19/76-06/20/77	0	5	
COSW0057	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/07/92-06/03/97	5	13	
COSW0068	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/10/85-06/03/97	12	71	
COSW0078	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/25/96-06/03/97	0	7	
COSW0090	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/25/96-06/26/97	0	7	
COSW0091	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	11	
COSW0100	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	10	
COSW0101	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	11	
COSW0114	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	11	
COSW0117	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/04/73-10/04/84	11	61	
COSW0123	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/04/73-06/11/97	24	131	
COSW0124	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/08/72-10/04/84	11	65	
COSW0125	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	11	
COSW0126	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	10	
COSW0130	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/25/72-06/10/97	24	125	
COSW0133	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/20/94-11/21/94	0	11	
COSW0139	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/25/94-06/03/97	3	18	
COSW0144	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/27/84-06/10/97	13	157	
COSW0149	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/08/72-06/08/76	3	27	
COSW0152	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/08/72-06/11/97	24	303	
COSW0156	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/08/72-06/08/76	3	42	
COSW0158	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/08/72-06/10/97	24	298	
COSW0163	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/08/92-06/17/97	5	13	
COSW0164	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/06/72-08/27/86	13	110	
COSW0165	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/23/80-06/17/97	16	194	
COSW0166	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	10/23/80-06/17/97	16	195	
COSW0167	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/24/77-06/21/77	0	3	
COSW0169	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/21/73-06/11/97	24	269	
COSW0171	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/21/73-06/11/97	24	131	
COSW0172	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0173	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0175	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0176	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0177	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0178	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0179	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/13/72-06/19/97	24	129	
COSW0180	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/21/73-06/23/97	24	134	
COSW0181	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0182	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0183	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	07/15/82-09/24/82	0	4	
COSW0192	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	06/06/75-06/23/97	22	118	
COSW0193	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	05/06/75-06/23/97	22	120	
COSW0021	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/10/73-07/10/73	0	2	
COSW0037	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/73-01/18/74	0	16	
COSW0117	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/04/73-10/09/73	0	10	
COSW0123	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/05/73-10/09/73	0	14	
COSW0124	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/73-10/09/73	0	22	
COSW0130	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/73-10/11/73	0	11	
COSW0149	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/22/73-01/18/74	0	21	
COSW0152	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/73-01/18/74	1	25	
COSW0156	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/73-01/18/74	1	22	
COSW0158	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/73-01/18/74	1	25	
COSW0164	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/23/73-01/18/74	0	21	
COSW0169	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/21/73-10/02/73	0	11	
COSW0171	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/21/73-10/02/73	0	11	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0179	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/11/73-10/02/73	0	4	
COSW0180	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/21/73-10/02/73	0	11	
COSW0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	13	138	
COSW0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	6	343	
COSW0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	128	
COSW0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	175	
COSW0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-05/14/75	3	7	
COSW0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/19/91	1	105	
COSW0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/16/91	1	310	
COSW0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/72-11/07/74	2	12	
COSW0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-03/19/91	3	107	
COSW0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	127	
COSW0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	0	5	
COSW0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	36	345	
COSW0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1	1409	
COSW0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/16/91	1	286	
COSW0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/69-07/21/72	2	35	
COSW0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-06/20/77	0	5	
COSW0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-02/27/97	1	225	
COSW0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/96-02/13/97	0	338	
COSW0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1	840	
COSW0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	1	24	
COSW0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/96-03/10/97	1	383	
COSW0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/96-12/16/96	0	4	
COSW0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/92-06/03/97	5	14	
COSW0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1	1072	
COSW0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/29/96-02/27/97	0	95	
COSW0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/96-03/10/97	1	411	
COSW0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/96-03/10/97	1	652	
COSW0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/85-06/03/97	12	72	
COSW0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/96-03/10/97	1	514	
COSW0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-12/16/96	11	10	
COSW0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/96-03/10/97	1	505	
COSW0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/96-12/16/96	0	5	
COSW0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	1	24	
COSW0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/92-10/09/92	0	6	
COSW0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/96-03/10/97	1	423	
COSW0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-12/16/96	11	6	
COSW0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/96-06/03/97	0	8	
COSW0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	1	24	
COSW0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1	1435	
COSW0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/96-06/26/97	0	7	
COSW0091	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	0	1	
COSW0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	0	2	
COSW0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	0	1	
COSW0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	0	1	
COSW0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	0	1	
COSW0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	15	72	
COSW0123	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-06/11/97	27	151	
COSW0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	15	91	
COSW0125	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0126	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0129	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0130	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/71-06/10/97	26	144	
COSW0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0133	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	11	
COSW0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0135	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0139	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/94-06/03/97	3	19	
COSW0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/72-07/23/73	1	12	
COSW0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	13	161	
COSW0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	5	62	
COSW0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	28	339	
COSW0154	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-03/03/97	25	71	
COSW0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	9	72	
COSW0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	28	326	
COSW0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-07/13/72	0	5	
COSW0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/69-07/21/72	2	34	
COSW0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/67-02/15/67	0	1	
COSW0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/92-06/17/97	5	13	
COSW0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	16	135	
COSW0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	16	193	
COSW0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	16	195	
COSW0167	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/77-06/21/77	0	3	
COSW0168	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	37	79	
COSW0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	28	289	
COSW0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/72-07/23/73	1	13	
COSW0171	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/66-06/11/97	31	145	
COSW0172	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0173	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0176	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-06/19/97	26	131	
COSW0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/66-06/23/97	30	143	
COSW0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0192	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/75-06/23/97	22	119	
COSW0193	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/75-06/23/97	22	121	
COSW0001	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0003	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0004	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0006	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	13	140	
COSW0007	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0008	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0010	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	6	70	
COSW0016	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0018	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	132	
COSW0019	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	167	
COSW0020	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0023	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/89-03/19/91	1	99	
COSW0027	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	0	2	
COSW0028	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-03/19/91	3	101	
COSW0033	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	13	131	
COSW0037	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	17	209	
COSW0054	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/26/96-12/16/96	0	4	
COSW0057	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/92-06/03/97	5	14	
COSW0068	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/10/85-06/03/97	12	70	
COSW0072	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	0	5	
COSW0075	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	0	5	
COSW0078	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/92-10/09/92	0	5	
COSW0081	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	0	5	
COSW0083	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/25/96-06/03/97	0	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0090	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/25/96-06/26/97	0	7	
COSW0091	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0094	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0097	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0100	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0101	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0114	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0117	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-10/04/84	4	19	
COSW0123	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-06/11/97	17	89	
COSW0124	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-10/04/84	4	20	
COSW0125	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0126	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0127	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0128	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0129	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0130	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/80-06/10/97	17	89	
COSW0132	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	0	1	
COSW0133	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	0	10	
COSW0134	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0135	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0136	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	0	1	
COSW0139	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/25/94-06/03/97	3	19	
COSW0143	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0144	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	13	161	
COSW0145	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0146	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0147	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0150	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	0	1	
COSW0152	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	17	219	
COSW0154	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/10/95-03/03/97	1	54	
COSW0155	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	0	1	
COSW0158	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	17	219	
COSW0163	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/08/92-06/17/97	5	13	
COSW0164	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-08/27/86	6	12	
COSW0165	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	16	195	
COSW0166	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	16	195	
COSW0168	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/95-03/10/97	1	20	
COSW0169	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	17	208	
COSW0171	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/11/97	17	90	
COSW0172	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0173	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0175	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0176	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	3	
COSW0177	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0178	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	0	4	
COSW0179	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/19/97	17	91	
COSW0180	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/23/97	17	95	
COSW0181	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/82-09/24/82	0	2	
COSW0182	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/82-09/24/82	0	2	
COSW0183	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/16/82-09/24/82	0	3	
COSW0192	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	17	90	
COSW0193	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	17	91	
COSW0054	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	0	5	
COSW0075	No	00025	BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	0	5	
COSW0094	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	0	1	
COSW0097	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	0	1	
COSW0127	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	0	1	
COSW0128	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	0	1	
COSW0129	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	0	1	
COSW0132	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	0	1	
COSW0134	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	0	1	
COSW0135	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	0	1	
COSW0136	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	0	1	
COSW0143	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	0	1	
COSW0145	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	0	1	
COSW0146	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	0	1	
COSW0147	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	0	1	
COSW0150	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	0	1	
COSW0154	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/10/95-03/03/97	1	54	
COSW0155	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation From 05/12/54 To 08/19/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0158	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/08/80-04/08/80	0	1	
COSW0168	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/23/95-03/10/97	1	20	
COSW0017	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/18/83-10/18/83	0	1	
COSW0037	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/03/96-12/03/96	0	5	
COSW0054	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/26/96-12/16/96	0	5	
COSW0072	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-12/16/96	11	10	
COSW0075	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/18/96-12/16/96	0	5	
COSW0081	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-12/16/96	11	6	
COSW0089	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/17/95-10/17/95	0	5	
COSW0093	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	1	
COSW0094	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/17/96-09/17/96	0	2	
COSW0096	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	1	
COSW0097	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/96-09/16/96	0	2	
COSW0098	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/95-01/17/95	0	5	
COSW0099	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/95-01/17/95	0	5	
COSW0102	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	2	
COSW0105	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	1	
COSW0111	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	1	
COSW0115	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/18/85-06/18/85	0	1	
COSW0127	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/96-09/16/96	0	2	
COSW0128	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/17/96-09/17/96	0	2	
COSW0129	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/96-09/16/96	0	2	
COSW0132	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/96-09/16/96	0	2	
COSW0134	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/17/96-09/17/96	0	2	
COSW0135	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/18/96-09/18/96	0	2	
COSW0136	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/17/96-09/17/96	0	2	
COSW0143	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/18/96-09/18/96	0	2	
COSW0145	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/19/96-09/19/96	0	2	
COSW0146	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/18/96-09/18/96	0	2	
COSW0147	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/19/96-09/19/96	0	2	
COSW0150	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/19/96-09/19/96	0	2	
COSW0154	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/10/95-03/03/97	1	65	
COSW0155	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/18/96-09/18/96	0	2	
COSW0168	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/77-03/10/97	19	21	
COSW0017	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/18/83-10/18/83	0	1	
COSW0054	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/26/96-12/16/96	0	5	
COSW0072	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-12/16/96	11	10	
COSW0075	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-12/16/96	11	6	
COSW0093	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	1	
COSW0094	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/17/96-09/17/96	0	2	
COSW0096	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	1	
COSW0097	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/96-09/16/96	0	2	
COSW0102	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	2	
COSW0105	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	1	
COSW0111	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	1	
COSW0115	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/18/85-06/18/85	0	1	
COSW0127	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/96-09/16/96	0	2	
COSW0128	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/17/96-09/17/96	0	2	
COSW0129	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/96-09/16/96	0	2	
COSW0132	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/96-09/16/96	0	2	
COSW0134	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/17/96-09/17/96	0	2	
COSW0135	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/18/96-09/18/96	0	2	
COSW0136	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/17/96-09/17/96	0	2	
COSW0143	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/18/96-09/18/96	0	2	
COSW0145	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/96-09/19/96	0	2	
COSW0146	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/18/96-09/18/96	0	2	
COSW0147	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/96-09/19/96	0	2	
COSW0150	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/96-09/19/96	0	2	
COSW0154	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/10/95-03/03/97	1	65	
COSW0155	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/18/96-09/18/96	0	2	
COSW0168	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/77-03/10/97	19	24	
COSW0001	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0003	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0004	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0006	No	00041	WEATHER (WMO CODE 4501)	03/22/83-12/11/96	13	141	
COSW0007	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0008	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0010	No	00041	WEATHER (WMO CODE 4501)	04/13/83-10/03/89	6	72	
COSW0016	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0018	No	00041	WEATHER (WMO CODE 4501)	02/03/84-12/11/96	12	131	
COSW0019	No	00041	WEATHER (WMO CODE 4501)	05/27/83-06/26/97	14	168	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0020	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0023	No	00041	WEATHER (WMO CODE 4501)	03/22/89-03/19/91	1	104	
COSW0027	No	00041	WEATHER (WMO CODE 4501)	03/08/88-04/05/88	0	2	
COSW0028	No	00041	WEATHER (WMO CODE 4501)	03/08/88-03/19/91	3	106	
COSW0033	No	00041	WEATHER (WMO CODE 4501)	03/02/83-12/11/96	13	131	
COSW0037	No	00041	WEATHER (WMO CODE 4501)	12/13/79-06/26/97	17	210	
COSW0057	No	00041	WEATHER (WMO CODE 4501)	05/07/92-06/03/97	5	14	
COSW0068	No	00041	WEATHER (WMO CODE 4501)	05/10/85-06/03/97	12	72	
COSW0078	Yes	00041	WEATHER (WMO CODE 4501)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00041	WEATHER (WMO CODE 4501)	11/25/96-06/03/97	0	8	
COSW0090	Yes	00041	WEATHER (WMO CODE 4501)	11/25/96-06/26/97	0	7	
COSW0091	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0100	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0101	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0114	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0117	No	00041	WEATHER (WMO CODE 4501)	05/14/80-10/04/84	4	19	
COSW0123	No	00041	WEATHER (WMO CODE 4501)	05/14/80-06/11/97	17	90	
COSW0124	No	00041	WEATHER (WMO CODE 4501)	05/14/80-10/04/84	4	20	
COSW0125	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0126	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0130	No	00041	WEATHER (WMO CODE 4501)	05/27/80-06/10/97	17	90	
COSW0133	No	00041	WEATHER (WMO CODE 4501)	06/20/94-11/21/94	0	11	
COSW0139	No	00041	WEATHER (WMO CODE 4501)	05/25/94-06/03/97	3	19	
COSW0144	No	00041	WEATHER (WMO CODE 4501)	01/27/84-06/10/97	13	161	
COSW0152	No	00041	WEATHER (WMO CODE 4501)	12/13/79-06/11/97	17	221	
COSW0158	No	00041	WEATHER (WMO CODE 4501)	12/07/79-06/10/97	17	221	
COSW0163	No	00041	WEATHER (WMO CODE 4501)	05/08/92-06/17/97	5	13	
COSW0164	No	00041	WEATHER (WMO CODE 4501)	12/07/79-08/27/86	6	12	
COSW0165	No	00041	WEATHER (WMO CODE 4501)	10/23/80-06/17/97	16	195	
COSW0166	No	00041	WEATHER (WMO CODE 4501)	10/23/80-06/17/97	16	196	
COSW0169	No	00041	WEATHER (WMO CODE 4501)	12/07/79-06/11/97	17	209	
COSW0171	No	00041	WEATHER (WMO CODE 4501)	05/06/80-06/11/97	17	90	
COSW0172	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0173	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0175	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0176	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0177	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0178	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0179	No	00041	WEATHER (WMO CODE 4501)	05/06/80-06/19/97	17	91	
COSW0180	No	00041	WEATHER (WMO CODE 4501)	05/06/80-06/23/97	17	95	
COSW0181	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0182	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0183	No	00041	WEATHER (WMO CODE 4501)	07/15/82-09/24/82	0	4	
COSW0192	No	00041	WEATHER (WMO CODE 4501)	06/09/80-06/23/97	17	90	
COSW0193	No	00041	WEATHER (WMO CODE 4501)	06/09/80-06/23/97	17	91	
COSW0168	No	00049	SURFACE AREA IN SQUARE MILES	05/12/54-09/15/59	5	17	
COSW0170	No	00049	SURFACE AREA IN SQUARE MILES	05/17/57-05/12/61	3	5	
COSW0024	No	00055	VELOCITY, STREAM FT/SEC	03/30/89-03/19/91	1	104	
COSW0039	No	00055	VELOCITY, STREAM FT/SEC	03/30/89-03/19/91	1	103	
COSW0026	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/04/67-06/27/68	0	41	
COSW0041	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/25/69-06/16/72	2	32	
COSW0152	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/22/72-08/22/72	0	1	
COSW0154	No	00060	FLOW, STREAM, MEAN DAILY CFS	12/08/71-09/21/72	0	7	
COSW0160	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/26/69-09/08/71	2	22	
COSW0168	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/17/57-09/21/72	15	51	
COSW0169	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/22/72-08/22/72	0	1	
COSW0170	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/12/61-05/12/61	0	1	
COSW0014	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/09/75-08/17/76	0	4	
COSW0018	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	131	
COSW0019	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/27/89-12/27/89	0	1	
COSW0023	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/89-03/19/91	1	104	
COSW0024	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/89-03/16/91	1	312	
COSW0025	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/72-06/29/73	0	10	
COSW0028	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/89-03/19/91	1	102	
COSW0032	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/09/75-08/17/76	0	4	
COSW0033	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	132	
COSW0037	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	13	117	
COSW0039	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/89-03/16/91	1	312	
COSW0054	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/96-12/16/96	0	4	
COSW0071	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-05/28/86	0	10	
COSW0072	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-12/16/96	11	6	
COSW0075	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/96-12/16/96	0	5	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0081	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-12/16/96	11	6	
COSW0082	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0092	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0094	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	0	1	
COSW0095	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0096	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0097	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	0	1	
COSW0102	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	2	
COSW0103	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0105	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0106	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0110	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0111	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0115	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0116	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	0	1	
COSW0127	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	0	1	
COSW0128	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	0	1	
COSW0129	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	0	1	
COSW0134	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	0	1	
COSW0135	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	0	1	
COSW0136	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	0	1	
COSW0142	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/21/72-07/23/73	1	13	
COSW0143	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	0	1	
COSW0145	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	0	1	
COSW0146	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	0	1	
COSW0147	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	0	1	
COSW0150	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	0	1	
COSW0152	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	21	238	
COSW0154	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-09/24/96	23	49	
COSW0155	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	0	1	
COSW0158	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	19	186	
COSW0164	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	20	258	
COSW0165	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/94-02/03/94	0	1	
COSW0166	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/94-02/03/94	0	1	
COSW0168	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/56-09/04/96	40	36	
COSW0169	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	22	213	
COSW0170	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/17/57-07/23/73	16	17	
COSW0172	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0173	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0175	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0176	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0177	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0178	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0181	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0182	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0183	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	0	4	
COSW0071	Yes	00065	STAGE, STREAM (FEET)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00065	STAGE, STREAM (FEET)	01/18/96-12/16/96	0	5	
COSW0075	No	00065	STAGE, STREAM (FEET)	01/18/96-01/18/96	0	1	
COSW0081	Yes	00065	STAGE, STREAM (FEET)	01/18/96-01/18/96	0	1	
COSW0154	No	00065	STAGE, STREAM (FEET)	10/10/95-03/03/97	1	54	
COSW0168	No	00065	STAGE, STREAM (FEET)	10/23/95-03/10/97	1	20	
COSW0176	No	00065	STAGE, STREAM (FEET)	07/15/82-09/24/82	0	4	
COSW0181	No	00065	STAGE, STREAM (FEET)	07/15/82-09/24/82	0	4	
COSW0021	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/14/72-03/10/72	0	2	
COSW0037	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/15/63-01/18/74	10	20	
COSW0117	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/71-10/09/73	2	3	
COSW0123	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/28/71-10/09/73	2	3	
COSW0124	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-10/09/73	2	6	
COSW0130	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/10/71-08/31/73	2	2	
COSW0149	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/07/70-01/18/74	3	23	
COSW0152	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-01/18/74	5	34	
COSW0156	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/23/67-01/18/74	6	32	
COSW0158	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/25/68-01/18/74	5	17	
COSW0160	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/21/70-10/21/70	0	1	
COSW0164	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/06/70-01/18/74	3	14	
COSW0168	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/77-04/28/78	0	6	
COSW0169	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/10/68-02/04/72	3	5	
COSW0171	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/08/71-08/13/71	0	2	
COSW0180	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/66-06/08/71	4	3	
COSW0021	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	04/11/72-07/10/73	1	4	
COSW0037	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/02/70-02/15/74	3	11	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0117	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	4	12	
COSW0123	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	4	17	
COSW0124	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	4	24	
COSW0130	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/10/71-10/11/73	2	15	
COSW0144	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	07/22/92-07/22/92	0	1	
COSW0149	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	11/06/70-02/15/74	3	11	
COSW0152	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	05/28/70-02/15/74	3	12	
COSW0156	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	05/29/70-02/15/74	3	12	
COSW0158	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	09/04/68-02/15/74	5	24	
COSW0164	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	08/07/70-02/15/74	3	17	
COSW0169	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	10/10/68-10/02/73	4	14	
COSW0171	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	10/10/68-10/02/73	4	12	
COSW0179	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	11/24/70-10/02/73	2	4	
COSW0180	No	00075	TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	09/03/69-10/02/73	4	11	
COSW0006	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	13	141	
COSW0009	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0010	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	6	72	
COSW0011	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0013	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0018	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	11	116	
COSW0019	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	14	162	
COSW0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/75-05/14/75	0	1	
COSW0023	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/26/89-03/19/91	1	98	
COSW0028	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/26/89-03/19/91	1	98	
COSW0030	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0031	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0033	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	11	114	
COSW0034	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	0	6	
COSW0037	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	23	271	A
COSW0057	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/92-07/15/97	5	15	
COSW0068	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/85-07/15/97	12	73	
COSW0078	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/25/96-06/26/97	0	7	
COSW0117	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	10	54	
COSW0123	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-07/23/97	23	127	
COSW0124	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	10	54	
COSW0130	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/31/74-07/22/97	23	127	
COSW0139	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/25/94-07/15/97	3	21	
COSW0144	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	13	161	
COSW0149	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-06/08/76	2	27	
COSW0152	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	23	275	A
COSW0156	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-06/08/76	2	27	
COSW0158	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	23	271	A
COSW0163	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/08/92-07/09/97	5	14	
COSW0164	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	13	78	
COSW0165	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	16	199	
COSW0166	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	16	198	
COSW0168	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/78-09/19/78	0	5	
COSW0169	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	23	262	A
COSW0171	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	23	125	
COSW0179	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	23	128	
COSW0180	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	23	127	
COSW0192	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/75-07/01/97	22	118	
COSW0193	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/06/75-07/01/97	22	119	
COSW0006	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/13/83-08/22/96	13	6	
COSW0010	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	6	64	
COSW0013	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/10/75-03/11/76	0	4	
COSW0018	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/18/85-08/22/96	11	2	
COSW0033	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/18/85-08/22/96	11	3	
COSW0034	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/10/75-03/11/76	0	4	
COSW0019	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/06/83-07/06/83	0	1	
COSW0023	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/22/89-03/19/91	1	105	
COSW0024	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/30/89-03/19/91	1	104	
COSW0028	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/22/89-03/19/91	1	105	
COSW0037	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/10/75-07/13/84	8	4	
COSW0039	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/30/89-03/19/91	1	104	
COSW0164	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/07/83-07/27/84	1	2	
COSW0006	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	13	139	
COSW0009	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	
COSW0010	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	6	70	
COSW0011	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0013	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	
COSW0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	11	114	
COSW0019	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	13	131	
COSW0021	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/14/72-05/14/75	3	7	
COSW0030	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	
COSW0031	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	
COSW0033	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	11	112	
COSW0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	0	6	
COSW0037	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/15/63-03/27/97	33	65	S
COSW0117	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	6	28	
COSW0123	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	6	33	
COSW0124	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	6	43	
COSW0130	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/10/71-06/14/76	5	28	
COSW0144	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	13	119	
COSW0149	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/05/70-06/08/76	5	54	
COSW0152	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	23	67	
COSW0156	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	7	62	
COSW0158	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	23	63	
COSW0160	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/21/70-10/21/70	0	1	
COSW0164	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	5	58	
COSW0168	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/54-09/09/65	11	40	
COSW0169	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	7	31	
COSW0170	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/17/57-05/12/61	3	5	
COSW0171	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	7	27	
COSW0179	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/24/70-06/11/76	5	18	
COSW0180	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/66-06/11/76	9	27	
COSW0192	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/06/75-05/31/76	0	7	
COSW0193	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/06/75-05/31/76	1	8	
COSW0006	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	13	136	
COSW0010	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	6	340	
COSW0018	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	127	
COSW0024	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/89-03/16/91	1	305	
COSW0033	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	126	
COSW0039	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/89-03/16/91	1	249	
COSW0052	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	1	24	
COSW0077	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	1	24	
COSW0085	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	1	24	
COSW0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/72-11/07/74	2	12	
COSW0041	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/69-07/21/72	2	27	
COSW0054	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/96-12/16/96	0	4	
COSW0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-12/16/96	11	10	
COSW0075	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-12/16/96	11	6	
COSW0094	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	0	1	
COSW0096	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	0	1	
COSW0097	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	0	1	
COSW0102	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	0	2	
COSW0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	0	1	
COSW0111	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	0	1	
COSW0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	0	1	
COSW0127	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	0	1	
COSW0128	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	0	1	
COSW0129	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	0	1	
COSW0132	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	0	1	
COSW0134	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	0	1	
COSW0135	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	0	1	
COSW0136	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	0	1	
COSW0142	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/72-07/23/73	1	13	
COSW0143	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	0	1	
COSW0145	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	0	1	
COSW0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	0	1	
COSW0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	0	1	
COSW0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	0	1	
COSW0152	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-11/09/72	0	4	
COSW0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-03/03/97	25	71	S
COSW0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	0	1	
COSW0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-07/13/72	0	5	
COSW0160	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/69-07/21/72	2	26	
COSW0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-04/27/73	0	8	
COSW0168	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	42	96	S
COSW0169	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-11/09/72	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0170	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/57-07/23/73	16	18	
COSW0010	No	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/28/85-10/03/89	4	44	
COSW0033	No	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	06/23/89-06/23/89	0	1	
COSW0038	No	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-03/11/97	1	854	
COSW0044	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-02/27/97	1	165	
COSW0045	No	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/21/96-02/13/97	0	255	
COSW0050	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-03/11/97	1	547	
COSW0053	No	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	01/31/96-03/10/97	1	271	
COSW0058	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-03/11/97	1	629	
COSW0063	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/29/96-02/27/97	0	67	
COSW0064	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/15/96-03/10/97	1	291	
COSW0067	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	01/30/96-03/10/97	1	445	
COSW0070	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/14/96-03/10/97	1	379	
COSW0073	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/15/96-03/10/97	1	417	
COSW0079	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	01/31/96-03/10/97	1	332	
COSW0088	Yes	00200	LIGHT, INCIDENT, 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-03/11/97	1	791	
COSW0010	No	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	02/28/85-10/03/89	4	43	
COSW0033	No	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	06/23/89-06/23/89	0	1	
COSW0037	No	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	04/23/91-04/23/91	0	1	
COSW0024	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/22/89-03/16/91	1	298	
COSW0038	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1	1409	
COSW0039	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/22/89-03/16/91	1	268	
COSW0044	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-02/27/97	1	236	
COSW0045	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/21/96-02/13/97	0	338	
COSW0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1	840	
COSW0052	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	1	24	
COSW0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/31/96-03/10/97	1	383	
COSW0058	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1	1072	
COSW0063	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/29/96-02/27/97	0	95	
COSW0064	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/15/96-03/10/97	1	411	
COSW0067	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/30/96-03/10/97	1	648	
COSW0070	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/14/96-03/10/97	1	514	
COSW0073	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/15/96-03/10/97	1	503	
COSW0077	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	1	24	
COSW0079	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/31/96-03/10/97	1	423	
COSW0085	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	1	24	
COSW0088	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1	1435	
COSW0001	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0003	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0004	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0006	No	00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	13	136	
COSW0007	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0008	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0009	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0010	No	00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	6	343	
COSW0011	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0013	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0016	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0018	No	00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	126	
COSW0019	No	00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	14	175	
COSW0020	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0021	No	00300	OXYGEN, DISSOLVED MG/L	02/14/72-05/14/75	3	7	
COSW0023	No	00300	OXYGEN, DISSOLVED MG/L	03/22/89-03/19/91	1	105	
COSW0025	No	00300	OXYGEN, DISSOLVED MG/L	08/29/72-11/07/74	2	12	
COSW0027	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	0	2	
COSW0028	No	00300	OXYGEN, DISSOLVED MG/L	03/08/88-03/19/91	3	107	
COSW0030	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0031	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0033	No	00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	125	
COSW0034	No	00300	OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	0	6	
COSW0037	No	00300	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	36	346	T,A,S
COSW0041	No	00300	OXYGEN, DISSOLVED MG/L	10/01/69-07/21/72	2	27	
COSW0043	No	00300	OXYGEN, DISSOLVED MG/L	07/19/76-06/20/77	0	5	
COSW0054	No	00300	OXYGEN, DISSOLVED MG/L	03/26/96-12/16/96	0	4	
COSW0057	No	00300	OXYGEN, DISSOLVED MG/L	05/07/92-06/03/97	5	14	
COSW0068	No	00300	OXYGEN, DISSOLVED MG/L	05/10/85-06/03/97	12	72	
COSW0071	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/85-05/28/86	0	10	
COSW0072	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/85-12/16/96	11	10	
COSW0075	No	00300	OXYGEN, DISSOLVED MG/L	01/18/96-12/16/96	0	5	
COSW0078	Yes	00300	OXYGEN, DISSOLVED MG/L	05/07/92-10/09/92	0	6	
COSW0081	Yes	00300	OXYGEN, DISSOLVED MG/L	06/18/85-12/16/96	11	6	
COSW0083	Yes	00300	OXYGEN, DISSOLVED MG/L	11/25/96-06/03/97	0	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0090	Yes	00300	OXYGEN, DISSOLVED MG/L	11/25/96-06/26/97	0	7	
COSW0091	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0094	No	00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	0	1	
COSW0096	No	00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	0	1	
COSW0097	No	00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	0	1	
COSW0100	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0101	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0102	No	00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	0	2	
COSW0105	No	00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	0	1	
COSW0111	No	00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	0	1	
COSW0114	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0115	No	00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	0	1	
COSW0117	No	00300	OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	15	72	
COSW0123	No	00300	OXYGEN, DISSOLVED MG/L	06/16/69-06/11/97	27	151	S
COSW0124	No	00300	OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	15	91	
COSW0125	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0126	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0127	No	00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	0	1	
COSW0128	No	00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	0	1	
COSW0129	No	00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	0	1	
COSW0130	No	00300	OXYGEN, DISSOLVED MG/L	02/10/71-06/10/97	26	144	S
COSW0132	No	00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	0	1	
COSW0133	No	00300	OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	0	11	
COSW0134	No	00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	0	1	
COSW0135	No	00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	0	1	
COSW0136	No	00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	0	1	
COSW0139	No	00300	OXYGEN, DISSOLVED MG/L	05/25/94-06/03/97	3	19	
COSW0142	No	00300	OXYGEN, DISSOLVED MG/L	07/21/72-07/23/73	1	12	
COSW0143	No	00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	0	1	
COSW0144	No	00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	14	161	
COSW0145	No	00300	OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	0	1	
COSW0146	No	00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	0	1	
COSW0147	No	00300	OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	0	1	
COSW0149	No	00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	5	62	
COSW0150	No	00300	OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	0	1	
COSW0152	No	00300	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	28	339	T,A,S
COSW0154	No	00300	OXYGEN, DISSOLVED MG/L	12/08/71-03/03/97	25	71	S
COSW0155	No	00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	0	1	
COSW0156	No	00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	9	72	
COSW0158	No	00300	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	28	326	T,A,S
COSW0159	No	00300	OXYGEN, DISSOLVED MG/L	12/08/71-07/13/72	0	5	
COSW0160	No	00300	OXYGEN, DISSOLVED MG/L	10/20/69-07/21/72	2	25	
COSW0163	No	00300	OXYGEN, DISSOLVED MG/L	05/08/92-06/17/97	5	13	
COSW0164	No	00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	16	134	
COSW0165	No	00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	16	194	
COSW0166	No	00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	16	196	
COSW0167	No	00300	OXYGEN, DISSOLVED MG/L	05/24/77-06/21/77	0	3	
COSW0168	No	00300	OXYGEN, DISSOLVED MG/L	07/09/71-03/10/97	25	56	S
COSW0169	No	00300	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	28	289	T,A,S
COSW0170	No	00300	OXYGEN, DISSOLVED MG/L	07/13/72-07/23/73	1	13	
COSW0171	No	00300	OXYGEN, DISSOLVED MG/L	01/05/66-06/11/97	31	145	S
COSW0172	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0173	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0175	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0176	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0177	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0178	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0179	No	00300	OXYGEN, DISSOLVED MG/L	11/24/70-06/19/97	26	131	S
COSW0180	No	00300	OXYGEN, DISSOLVED MG/L	10/27/66-06/23/97	30	143	S
COSW0181	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0182	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0183	No	00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	0	4	
COSW0192	No	00300	OXYGEN, DISSOLVED MG/L	06/06/75-06/23/97	22	119	
COSW0193	No	00300	OXYGEN, DISSOLVED MG/L	05/06/75-06/23/97	22	121	
COSW0021	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/14/72-07/26/72	0	5	
COSW0037	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/60-09/20/72	12	27	
COSW0117	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	3	13	
COSW0123	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	3	15	
COSW0124	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	3	21	
COSW0130	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/71-09/15/72	1	13	
COSW0149	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/70-10/16/72	2	24	
COSW0152	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/04/68-10/16/72	4	34	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0156	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/67-10/16/72	5	32	
COSW0158	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/04/68-10/16/72	4	28	
COSW0164	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/06/70-10/05/72	2	13	
COSW0169	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/10/68-10/29/72	4	17	
COSW0171	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/66-10/06/72	6	15	
COSW0179	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/24/70-11/25/70	0	2	
COSW0180	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/27/66-08/23/72	5	10	
COSW0006	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	13	119	
COSW0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	5	
COSW0010	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	6	64	
COSW0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	6	
COSW0013	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	5	
COSW0018	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	11	99	
COSW0019	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	14	164	
COSW0021	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/14/72-05/14/75	3	6	
COSW0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	5	
COSW0031	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	6	
COSW0033	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	11	98	
COSW0034	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	5	
COSW0037	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	36	321	T,A,S
COSW0057	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/07/92-07/15/97	5	15	
COSW0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/85-07/15/97	12	74	
COSW0078	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/07/92-10/09/92	0	6	
COSW0083	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/25/96-07/15/97	0	9	
COSW0090	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/25/96-06/26/97	0	8	
COSW0117	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	15	72	
COSW0123	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-07/23/97	28	152	S
COSW0124	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	15	89	
COSW0130	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/10/71-07/22/97	26	147	S
COSW0139	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/25/94-07/15/97	3	21	
COSW0144	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	13	163	
COSW0149	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	5	64	
COSW0152	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	28	331	T,A,S
COSW0156	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	9	73	
COSW0158	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	28	317	T,A,S
COSW0160	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/20/69-10/21/70	1	2	
COSW0163	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/08/92-07/09/97	5	14	
COSW0164	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	17	117	
COSW0165	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	16	198	
COSW0166	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	16	197	
COSW0169	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	28	284	T,A,S
COSW0171	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/66-07/01/97	31	146	S
COSW0179	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/25/70-07/01/97	26	133	S
COSW0180	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/27/66-07/01/97	30	144	S
COSW0192	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/75-07/01/97	22	120	
COSW0193	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/75-07/01/97	22	121	
COSW0019	No	00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	4	55	
COSW0037	No	00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	10	121	
COSW0144	No	00335	COD, .025N K2CR2O7 MG/L	01/27/84-11/24/87	3	17	
COSW0152	No	00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	10	43	
COSW0158	No	00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	10	42	
COSW0164	No	00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/10/87	10	37	
COSW0165	No	00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	7	83	
COSW0166	No	00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	7	81	
COSW0169	No	00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/09/87	10	42	
COSW0171	No	00335	COD, .025N K2CR2O7 MG/L	08/22/78-09/24/87	9	3	
COSW0180	No	00335	COD, .025N K2CR2O7 MG/L	09/24/87-09/24/87	0	1	
COSW0019	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/12/83-11/24/86	2	4	
COSW0037	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/01/76-11/24/86	10	10	
COSW0165	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/05/80-11/21/86	6	7	
COSW0166	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/05/80-11/21/86	6	7	
COSW0019	No	00340	COD, .25N K2CR2O7 MG/L	09/25/87-09/25/87	0	1	
COSW0037	No	00340	COD, .25N K2CR2O7 MG/L	11/29/74-06/20/80	5	24	
COSW0149	No	00340	COD, .25N K2CR2O7 MG/L	11/29/74-06/08/76	1	20	
COSW0152	No	00340	COD, .25N K2CR2O7 MG/L	11/29/74-05/17/77	2	24	
COSW0156	No	00340	COD, .25N K2CR2O7 MG/L	02/04/72-06/08/76	4	21	
COSW0158	No	00340	COD, .25N K2CR2O7 MG/L	01/02/75-05/17/77	2	21	
COSW0164	No	00340	COD, .25N K2CR2O7 MG/L	11/29/74-07/03/80	5	27	
COSW0166	No	00340	COD, .25N K2CR2O7 MG/L	11/21/86-11/21/86	0	1	
COSW0169	No	00340	COD, .25N K2CR2O7 MG/L	08/03/76-08/10/87	11	6	
COSW0011	No	00345	BOD, 25 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	6	
COSW0031	No	00345	BOD, 25 DAY, 20 DEG C MG/L	09/09/75-08/17/76	0	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	00355	BOD, 56 DAY, 20 DEG C MG/L	10/23/87-10/23/87	0	1	
COSW0001	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0003	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0004	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0006	No	00400	PH (STANDARD UNITS)	03/22/83-12/11/96	13	132	
COSW0007	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0008	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0009	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0010	No	00400	PH (STANDARD UNITS)	04/13/83-10/03/89	6	126	
COSW0011	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0013	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0016	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0018	No	00400	PH (STANDARD UNITS)	02/03/84-12/11/96	12	122	
COSW0019	No	00400	PH (STANDARD UNITS)	05/27/83-06/26/97	14	175	
COSW0020	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0021	No	00400	PH (STANDARD UNITS)	07/10/73-05/14/75	1	2	
COSW0023	No	00400	PH (STANDARD UNITS)	03/22/89-03/19/91	1	104	
COSW0025	No	00400	PH (STANDARD UNITS)	08/29/72-11/07/74	2	12	
COSW0027	No	00400	PH (STANDARD UNITS)	03/08/88-04/05/88	0	2	
COSW0028	No	00400	PH (STANDARD UNITS)	03/08/88-03/19/91	3	103	
COSW0030	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0031	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0033	No	00400	PH (STANDARD UNITS)	02/03/84-12/11/96	12	120	
COSW0034	No	00400	PH (STANDARD UNITS)	09/09/75-08/17/76	0	6	
COSW0037	No	00400	PH (STANDARD UNITS)	08/09/60-06/26/97	36	324	T,A,S
COSW0041	No	00400	PH (STANDARD UNITS)	10/01/69-07/21/72	2	27	
COSW0043	No	00400	PH (STANDARD UNITS)	07/19/76-06/20/77	0	5	
COSW0054	No	00400	PH (STANDARD UNITS)	03/26/96-12/16/96	0	4	
COSW0057	No	00400	PH (STANDARD UNITS)	05/07/92-06/03/97	5	14	
COSW0068	No	00400	PH (STANDARD UNITS)	05/10/85-06/03/97	12	72	
COSW0071	Yes	00400	PH (STANDARD UNITS)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00400	PH (STANDARD UNITS)	06/18/85-12/16/96	11	10	
COSW0075	No	00400	PH (STANDARD UNITS)	01/18/96-12/16/96	0	5	
COSW0078	Yes	00400	PH (STANDARD UNITS)	05/07/92-10/09/92	0	6	
COSW0081	Yes	00400	PH (STANDARD UNITS)	06/18/85-12/16/96	11	6	
COSW0083	Yes	00400	PH (STANDARD UNITS)	11/25/96-06/03/97	0	8	
COSW0090	Yes	00400	PH (STANDARD UNITS)	11/25/96-06/26/97	0	7	
COSW0091	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0094	No	00400	PH (STANDARD UNITS)	09/17/96-09/17/96	0	1	
COSW0096	No	00400	PH (STANDARD UNITS)	06/18/85-06/18/85	0	1	
COSW0097	No	00400	PH (STANDARD UNITS)	09/16/96-09/16/96	0	1	
COSW0100	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0101	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0102	No	00400	PH (STANDARD UNITS)	06/18/85-06/18/85	0	2	
COSW0111	No	00400	PH (STANDARD UNITS)	06/18/85-06/18/85	0	1	
COSW0114	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0115	No	00400	PH (STANDARD UNITS)	06/18/85-06/18/85	0	1	
COSW0117	No	00400	PH (STANDARD UNITS)	06/08/73-10/04/84	11	58	
COSW0123	No	00400	PH (STANDARD UNITS)	06/08/73-06/11/97	24	130	
COSW0124	No	00400	PH (STANDARD UNITS)	11/08/72-10/04/84	11	59	
COSW0125	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0126	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0127	No	00400	PH (STANDARD UNITS)	09/16/96-09/16/96	0	1	
COSW0128	No	00400	PH (STANDARD UNITS)	09/17/96-09/17/96	0	1	
COSW0129	No	00400	PH (STANDARD UNITS)	09/16/96-09/16/96	0	1	
COSW0130	No	00400	PH (STANDARD UNITS)	03/01/71-06/10/97	26	132	S
COSW0132	No	00400	PH (STANDARD UNITS)	09/16/96-09/16/96	0	1	
COSW0133	No	00400	PH (STANDARD UNITS)	06/20/94-11/21/94	0	11	
COSW0134	No	00400	PH (STANDARD UNITS)	09/17/96-09/17/96	0	1	
COSW0135	No	00400	PH (STANDARD UNITS)	09/18/96-09/18/96	0	1	
COSW0136	No	00400	PH (STANDARD UNITS)	09/17/96-09/17/96	0	1	
COSW0139	No	00400	PH (STANDARD UNITS)	05/25/94-06/03/97	3	19	
COSW0142	No	00400	PH (STANDARD UNITS)	07/21/72-07/23/73	1	13	
COSW0143	No	00400	PH (STANDARD UNITS)	09/18/96-09/18/96	0	1	
COSW0144	No	00400	PH (STANDARD UNITS)	01/27/84-06/10/97	13	161	
COSW0145	No	00400	PH (STANDARD UNITS)	09/19/96-09/19/96	0	1	
COSW0146	No	00400	PH (STANDARD UNITS)	09/18/96-09/18/96	0	1	
COSW0147	No	00400	PH (STANDARD UNITS)	09/19/96-09/19/96	0	1	
COSW0149	No	00400	PH (STANDARD UNITS)	06/29/73-06/08/76	2	33	
COSW0150	No	00400	PH (STANDARD UNITS)	09/19/96-09/19/96	0	1	
COSW0152	No	00400	PH (STANDARD UNITS)	03/01/71-06/11/97	26	299	T,A,S
COSW0154	No	00400	PH (STANDARD UNITS)	12/08/71-03/03/97	25	71	S

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0155	No	00400	PH (STANDARD UNITS)	09/18/96-09/18/96	0	1	
COSW0156	No	00400	PH (STANDARD UNITS)	06/29/73-06/08/76	2	33	
COSW0158	No	00400	PH (STANDARD UNITS)	11/08/72-06/10/97	24	291	A
COSW0159	No	00400	PH (STANDARD UNITS)	12/08/71-07/13/72	0	5	
COSW0160	No	00400	PH (STANDARD UNITS)	10/20/69-07/21/72	2	26	
COSW0163	No	00400	PH (STANDARD UNITS)	05/08/92-06/17/97	5	13	
COSW0164	No	00400	PH (STANDARD UNITS)	08/22/72-08/27/86	14	117	
COSW0165	No	00400	PH (STANDARD UNITS)	10/23/80-06/17/97	16	194	
COSW0166	No	00400	PH (STANDARD UNITS)	10/23/80-06/17/97	16	196	
COSW0167	No	00400	PH (STANDARD UNITS)	05/24/77-06/21/77	0	3	
COSW0168	No	00400	PH (STANDARD UNITS)	05/12/54-03/10/97	42	96	S
COSW0169	No	00400	PH (STANDARD UNITS)	10/10/68-06/11/97	28	272	T,A,S
COSW0170	No	00400	PH (STANDARD UNITS)	05/17/57-07/23/73	16	16	
COSW0171	No	00400	PH (STANDARD UNITS)	05/21/73-06/11/97	24	130	
COSW0172	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0173	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0175	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0176	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0177	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0178	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0179	No	00400	PH (STANDARD UNITS)	11/13/72-06/19/97	24	129	
COSW0180	No	00400	PH (STANDARD UNITS)	05/21/73-06/23/97	24	133	
COSW0181	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0182	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0183	No	00400	PH (STANDARD UNITS)	07/15/82-09/24/82	0	4	
COSW0192	No	00400	PH (STANDARD UNITS)	06/06/75-06/23/97	22	119	
COSW0193	No	00400	PH (STANDARD UNITS)	05/06/75-06/23/97	22	121	
COSW0001	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0003	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0004	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0007	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0008	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0009	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0011	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0013	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0016	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0019	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	14	166	
COSW0020	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0023	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/22/89-03/19/91	1	104	
COSW0027	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-04/05/88	0	2	
COSW0028	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-03/19/91	3	106	
COSW0030	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0031	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0034	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	0	2	
COSW0037	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	21	244	A
COSW0090	Yes	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	12/12/96-06/26/97	0	6	
COSW0152	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	07/08/88-07/08/88	0	1	
COSW0164	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	08/29/77-08/27/86	8	50	
COSW0165	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	16	179	
COSW0166	No	00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	16	178	
COSW0006	No	00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	13	140	
COSW0010	No	00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	6	72	
COSW0018	No	00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	116	
COSW0019	No	00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	9	110	
COSW0021	No	00403	PH, LAB, STANDARD UNITS SU	02/14/72-05/14/75	3	7	
COSW0033	No	00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	114	
COSW0037	No	00403	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	32	256	T,A,S
COSW0054	No	00403	PH, LAB, STANDARD UNITS SU	03/26/96-12/16/96	0	4	
COSW0057	No	00403	PH, LAB, STANDARD UNITS SU	05/07/92-09/01/92	0	5	
COSW0068	No	00403	PH, LAB, STANDARD UNITS SU	05/10/85-09/01/92	7	46	
COSW0072	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	0	5	
COSW0075	No	00403	PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	0	5	
COSW0078	Yes	00403	PH, LAB, STANDARD UNITS SU	05/07/92-09/01/92	0	5	
COSW0081	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	0	5	
COSW0094	No	00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	0	1	
COSW0097	No	00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	0	1	
COSW0117	No	00403	PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	15	64	
COSW0123	No	00403	PH, LAB, STANDARD UNITS SU	06/16/69-09/01/92	23	116	
COSW0124	No	00403	PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	15	81	
COSW0127	No	00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	0	1	
COSW0128	No	00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	0	1	
COSW0129	No	00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0130	No	00403	PH, LAB, STANDARD UNITS SU	02/10/71-08/26/92	21	110	
COSW0132	No	00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	0	1	
COSW0134	No	00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	0	1	
COSW0135	No	00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	0	1	
COSW0136	No	00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	0	1	
COSW0143	No	00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	0	1	
COSW0144	No	00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	8	104	
COSW0145	No	00403	PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	0	1	
COSW0146	No	00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	0	1	
COSW0147	No	00403	PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	0	1	
COSW0149	No	00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	5	63	
COSW0150	No	00403	PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	0	1	
COSW0152	No	00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	24	271	A
COSW0154	No	00403	PH, LAB, STANDARD UNITS SU	10/10/95-03/03/97	1	53	
COSW0155	No	00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	0	1	
COSW0156	No	00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	9	72	
COSW0158	No	00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	24	261	A
COSW0163	No	00403	PH, LAB, STANDARD UNITS SU	05/08/92-09/09/92	0	5	
COSW0164	No	00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	17	118	
COSW0165	No	00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	14	144	
COSW0166	No	00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	14	143	
COSW0168	No	00403	PH, LAB, STANDARD UNITS SU	10/23/95-03/10/97	1	20	
COSW0169	No	00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	23	227	
COSW0171	No	00403	PH, LAB, STANDARD UNITS SU	01/05/66-08/25/92	26	108	S
COSW0179	No	00403	PH, LAB, STANDARD UNITS SU	11/24/70-09/15/92	21	96	
COSW0180	No	00403	PH, LAB, STANDARD UNITS SU	10/27/66-09/15/92	25	105	S
COSW0192	No	00403	PH, LAB, STANDARD UNITS SU	06/06/75-09/15/92	17	82	
COSW0193	No	00403	PH, LAB, STANDARD UNITS SU	05/06/75-09/15/92	17	84	
COSW0025	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/07/74-11/07/74	0	1	
COSW0168	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/77-04/28/78	0	6	
COSW0024	No	00406	PH, FIELD, STANDARD UNITS SU	03/22/89-03/16/91	1	297	
COSW0038	No	00406	PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	1	46	
COSW0039	No	00406	PH, FIELD, STANDARD UNITS SU	03/22/89-03/16/91	1	274	
COSW0044	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/22/96-02/27/97	1	13	
COSW0045	No	00406	PH, FIELD, STANDARD UNITS SU	02/21/96-02/13/97	0	33	
COSW0050	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	1	48	
COSW0052	No	00406	PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	1	23	
COSW0053	No	00406	PH, FIELD, STANDARD UNITS SU	01/31/96-03/10/97	1	55	
COSW0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	1	48	
COSW0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/28/96-02/27/97	0	12	
COSW0064	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/15/96-03/10/97	1	52	
COSW0067	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/30/96-03/10/97	1	57	
COSW0070	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/14/96-03/10/97	1	52	
COSW0073	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/15/96-03/10/97	1	51	
COSW0077	No	00406	PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	1	23	
COSW0079	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/31/96-03/10/97	1	55	
COSW0085	No	00406	PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	1	23	
COSW0088	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	1	48	
COSW0001	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/08/89	1	12	
COSW0003	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	12	
COSW0004	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/08/89	1	12	
COSW0006	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	13	140	
COSW0007	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/07/89	0	12	
COSW0008	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	12	
COSW0009	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0010	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	6	72	
COSW0011	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0013	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0016	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	12	
COSW0018	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	11	115	
COSW0019	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	14	164	
COSW0020	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	12	
COSW0021	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/72-05/14/75	3	7	
COSW0024	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/12/89-03/19/91	1	69	
COSW0025	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/07/74-11/07/74	0	1	
COSW0027	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	12	
COSW0028	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	1	11	
COSW0030	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0031	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0033	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	11	113	
COSW0034	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	0	6	
COSW0037	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	36	320	T,A,S

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0039	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/89-03/19/91	1	69	
COSW0057	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/07/92-07/15/97	5	15	
COSW0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/90-06/26/91	0	2	
COSW0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/25/96-06/26/97	0	8	
COSW0117	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/69-08/02/84	15	63	
COSW0123	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/69-06/26/91	22	72	
COSW0124	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/16/69-08/02/84	15	78	
COSW0130	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/10/71-08/12/93	22	70	
COSW0144	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/84-07/22/97	13	160	
COSW0149	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/70-06/08/76	5	63	
COSW0152	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/68-07/22/97	28	326	T,A,S
COSW0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/67-06/08/76	9	71	
COSW0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/68-07/23/97	28	317	T,A,S
COSW0160	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/70-10/21/70	0	1	
COSW0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/08/92-06/17/97	5	11	
COSW0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/06/70-11/10/87	17	117	
COSW0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/80-06/17/97	16	199	
COSW0166	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/80-06/17/97	16	198	
COSW0168	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/59-09/19/78	18	34	
COSW0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/68-07/01/97	28	282	T,A,S
COSW0171	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/66-10/26/94	28	67	S
COSW0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/24/70-09/01/88	17	50	
COSW0180	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/66-06/28/83	16	58	
COSW0192	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/75-06/28/83	8	36	
COSW0193	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/06/75-06/28/83	8	37	
COSW0123	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/01/76-08/02/84	8	2	
COSW0124	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-06/23/78	5	3	
COSW0152	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	0	1	
COSW0156	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	0	1	
COSW0158	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	0	1	
COSW0166	No	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/22/94-03/22/94	0	1	
COSW0025	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/07/74-11/07/74	0	1	
COSW0160	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/70-10/21/70	0	1	
COSW0168	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/54-04/28/78	23	46	
COSW0170	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/17/57-05/12/61	3	5	
COSW0025	No	00445	CARBONATE ION (MG/L AS CO3)	11/07/74-11/07/74	0	1	
COSW0160	No	00445	CARBONATE ION (MG/L AS CO3)	10/21/70-10/21/70	0	1	
COSW0168	No	00445	CARBONATE ION (MG/L AS CO3)	10/28/59-04/28/78	18	29	
COSW0054	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	01/18/96-12/16/96	0	5	
COSW0075	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	01/18/96-12/16/96	0	5	
COSW0081	Yes	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	01/18/96-12/16/96	0	5	
COSW0094	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	0	1	
COSW0097	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	0	1	
COSW0127	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	0	1	
COSW0128	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	0	1	
COSW0129	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	0	1	
COSW0132	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	0	1	
COSW0134	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	0	1	
COSW0135	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	0	1	
COSW0136	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	0	1	
COSW0143	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	0	1	
COSW0145	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	0	1	
COSW0146	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	0	1	
COSW0147	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	0	1	
COSW0150	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	0	1	
COSW0154	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	10/10/95-03/03/97	1	54	
COSW0155	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	0	1	
COSW0168	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	10/23/95-03/10/97	1	20	
COSW0006	No	00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	13	133	
COSW0010	No	00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	6	69	
COSW0018	No	00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	110	
COSW0019	No	00500	RESIDUE, TOTAL (MG/L)	03/22/85-12/18/86	1	2	
COSW0033	No	00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	108	
COSW0037	No	00500	RESIDUE, TOTAL (MG/L)	03/22/85-12/18/86	1	2	
COSW0165	No	00500	RESIDUE, TOTAL (MG/L)	12/18/86-03/02/90	3	3	
COSW0166	No	00500	RESIDUE, TOTAL (MG/L)	12/18/86-03/02/90	3	3	
COSW0009	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	
COSW0011	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	
COSW0013	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0030	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	
COSW0031	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	
COSW0034	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	0	6	
COSW0028	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/06/88-06/06/88	0	1	
COSW0169	No	00510	RESIDUE, TOTAL FIXED (MG/L)	06/18/92-06/18/92	0	1	
COSW0169	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	09/01/93-09/01/93	0	1	
COSW0006	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	13	130	
COSW0009	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	6	69	
COSW0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0013	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0018	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	111	
COSW0019	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	14	157	
COSW0024	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/89-03/16/91	1	312	
COSW0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0031	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0033	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	107	
COSW0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	0	6	
COSW0037	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	19	219	A
COSW0039	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/89-03/16/91	1	312	
COSW0068	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-08/10/89	0	1	
COSW0090	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/25/96-06/26/97	0	8	
COSW0091	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	11	
COSW0100	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	10	
COSW0101	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	11	
COSW0114	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	11	
COSW0123	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-10/04/94	5	2	
COSW0125	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	10	
COSW0126	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	11	
COSW0130	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-08/10/89	0	1	
COSW0133	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	0	11	
COSW0144	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-11/07/96	7	4	
COSW0152	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	16	72	
COSW0158	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	8	71	
COSW0160	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/70-10/21/70	0	1	
COSW0163	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/92-07/09/97	5	14	
COSW0164	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/77-11/10/87	10	37	
COSW0165	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	16	181	
COSW0166	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	16	181	
COSW0169	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	9	61	
COSW0171	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/92-07/01/97	5	32	
COSW0179	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-07/01/97	5	31	
COSW0180	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-05/01/92	0	1	
COSW0192	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-07/01/97	5	29	
COSW0019	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/16/87-01/16/87	0	1	
COSW0019	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR.-GRAV METH,MG/KG	12/12/83-11/16/89	5	7	
COSW0037	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR.-GRAV METH,MG/KG	11/01/76-11/16/89	13	13	
COSW0165	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR.-GRAV METH,MG/KG	11/05/80-11/21/89	9	10	
COSW0166	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR.-GRAV METH,MG/KG	11/05/80-11/21/89	9	10	
COSW0174	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR.-GRAV METH,MG/KG	02/12/85-02/12/85	0	1	
COSW0168	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/19/78-09/19/78	0	1	
COSW0168	No	00573	BIOMASS, PERIPHYTON, DRY WEIGHT TOTAL (G/M2)	09/19/78-09/19/78	0	1	
COSW0037	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-10/06/71	0	3	
COSW0117	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/11/71-08/18/71	0	2	
COSW0123	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/09/71-09/21/71	0	9	
COSW0124	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/09/71-09/21/71	0	9	
COSW0156	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/24/71-09/21/71	0	5	
COSW0158	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/24/71-09/21/71	0	4	
COSW0168	No	00600	NITROGEN, TOTAL (MG/L AS N)	02/17/78-09/19/78	0	7	
COSW0169	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-09/21/71	0	3	
COSW0171	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-09/21/71	0	3	
COSW0180	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-06/08/71	0	1	
COSW0017	No	00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	10/18/83-10/18/83	0	1	
COSW0168	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/17/78-09/19/78	0	7	
COSW0038	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0044	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	0	18	
COSW0045	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	0	46	
COSW0050	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0053	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	0	80	
COSW0054	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	0	4	
COSW0058	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0063	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	0	17	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0064	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	0	76	
COSW0067	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	0	81	
COSW0070	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	0	75	
COSW0072	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0073	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	0	74	
COSW0075	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0079	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	0	82	
COSW0081	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0088	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0094	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0097	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0127	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0128	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0129	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0132	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0134	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0135	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0136	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0143	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0145	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0146	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0147	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0150	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0154	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	1	53	
COSW0155	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0168	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/95-03/10/97	1	20	
COSW0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	13	130	
COSW0007	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/07/89	0	12	
COSW0008	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	9	113	
COSW0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0016	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	121	
COSW0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	14	164	
COSW0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	4	
COSW0031	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0033	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	122	
COSW0034	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0036	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-02/01/74	0	14	
COSW0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	22	256	A
COSW0057	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/92-07/15/97	5	15	
COSW0068	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/85-07/01/94	9	2	
COSW0078	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/25/96-06/26/97	0	8	
COSW0091	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0100	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0101	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0114	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0123	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/85-07/01/94	9	2	
COSW0125	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0126	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0130	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/79-05/10/85	6	2	
COSW0133	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0139	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/01/94-07/01/94	0	1	
COSW0144	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	13	162	
COSW0149	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/08/76	1	12	
COSW0152	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	22	263	A
COSW0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/08/76	1	12	
COSW0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	22	262	A
COSW0163	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/08/92-07/09/97	5	14	
COSW0164	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	12	65	
COSW0165	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	16	196	
COSW0166	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	16	194	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0168	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/77-09/19/78	0	11	A
COSW0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	20	237	
COSW0171	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	4	
COSW0172	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0173	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0175	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0176	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0177	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0178	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0179	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-09/01/88	7	5	
COSW0180	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/80-05/16/85	4	4	
COSW0181	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0182	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0183	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/23/82	0	3	
COSW0192	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	4	
COSW0193	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	4	
COSW0017	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	10/18/83-10/18/83	0	1	
COSW0038	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0044	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	0	18	
COSW0045	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	0	46	
COSW0050	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0053	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	0	80	
COSW0054	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	0	4	
COSW0058	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0063	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	0	17	
COSW0064	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	0	76	
COSW0067	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	0	81	
COSW0070	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	0	75	
COSW0072	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0073	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	0	74	
COSW0075	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0079	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	0	82	
COSW0081	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0088	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0094	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0097	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0127	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0128	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0129	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0132	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0134	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0135	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0136	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0143	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0145	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0146	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0147	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0150	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0154	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	1	53	
COSW0155	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0168	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/95-03/10/97	1	20	
COSW0036	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/27/73-02/01/74	0	14	
COSW0038	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0044	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	0	18	
COSW0045	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	0	46	
COSW0050	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0053	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	0	80	
COSW0058	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0063	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	0	17	
COSW0064	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	0	76	
COSW0067	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	0	81	
COSW0070	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	0	75	
COSW0073	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	0	74	
COSW0079	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	0	82	
COSW0088	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0021	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/72-04/11/72	0	2	
COSW0036	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/27/73-02/01/74	0	14	
COSW0037	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/06/71-12/06/95	24	5	
COSW0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/72-05/23/72	0	1	
COSW0123	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/23/72	0	2	
COSW0124	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/23/72	0	5	
COSW0130	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/72-05/23/72	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0149	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/72-05/22/72	0	3	
COSW0152	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/04/72-05/22/72	0	4	
COSW0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/22/72	0	5	
COSW0158	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/22/72	0	6	
COSW0164	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/05/71-05/25/72	0	4	
COSW0169	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/08/72	0	3	
COSW0171	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/08/72	0	2	
COSW0180	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/72-05/08/72	0	1	
COSW0054	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0075	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0094	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0097	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0127	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0128	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0129	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0132	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0134	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0135	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0136	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0143	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0145	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0146	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0147	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0150	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0154	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	1	53	
COSW0155	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0168	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/27/77-03/10/97	19	30	
COSW0165	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/25/92-08/25/92	0	1	
COSW0168	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/17/78-08/15/78	0	6	
COSW0001	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0006	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	13	121	
COSW0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/07/89	0	12	
COSW0008	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	6	92	
COSW0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0016	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	123	
COSW0019	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	14	166	
COSW0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0027	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	4	
COSW0031	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0033	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	122	
COSW0034	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	0	5	
COSW0036	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-02/01/74	0	13	
COSW0037	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	22	252	A
COSW0054	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/26/96-12/16/96	0	4	
COSW0057	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/92-07/15/97	5	15	
COSW0068	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/85-07/01/94	9	2	
COSW0072	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0075	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0078	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/92-10/09/92	0	6	
COSW0081	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0083	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/25/96-06/26/97	0	8	
COSW0091	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0094	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0097	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0100	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0101	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/11/94-11/21/94	0	10	
COSW0114	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/04/83	0	1	
COSW0123	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-07/01/94	11	3	
COSW0124	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/04/83	0	1	
COSW0125	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0126	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0127	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0128	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0129	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0130	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/79-05/10/85	6	3	
COSW0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0133	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0134	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0135	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0136	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0139	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/01/94-07/01/94	0	1	
COSW0143	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0144	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	13	162	
COSW0145	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0146	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0147	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0149	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/08/76	1	13	
COSW0150	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0152	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	22	255	A
COSW0154	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/95-03/03/97	1	53	
COSW0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/08/76	1	13	
COSW0158	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	22	255	A
COSW0163	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/08/92-07/09/97	5	14	
COSW0164	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-11/10/87	12	60	
COSW0165	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	16	193	
COSW0166	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	16	195	
COSW0168	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/78-03/10/97	19	27	
COSW0169	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	20	232	
COSW0171	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	1	4	
COSW0172	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0173	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0175	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0176	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0177	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0178	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/23/82	0	3	
COSW0179	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/83-09/01/88	5	6	
COSW0180	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	1	4	
COSW0181	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0182	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0183	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0192	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	1	4	
COSW0193	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	1	4	
COSW0012	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-08/17/76	0	3	
COSW0017	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	10/18/83-10/18/83	0	1	
COSW0019	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/12/83-11/20/84	0	2	
COSW0029	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-08/17/76	0	4	
COSW0037	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/01/76-11/20/84	8	9	
COSW0149	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/07/75-11/07/75	0	1	
COSW0165	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/05/80-11/02/84	3	5	
COSW0166	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/05/80-11/02/84	3	5	
COSW0174	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	02/12/85-02/12/85	0	1	
COSW0019	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	10	11	
COSW0037	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	10	11	
COSW0158	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/08/85-02/28/96	10	11	
COSW0166	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/08/85-02/28/96	10	11	
COSW0174	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	02/12/85-02/12/85	0	1	
COSW0001	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/08/89	1	12	
COSW0006	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	13	131	
COSW0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/07/89	0	12	
COSW0008	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	9	110	
COSW0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0016	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	122	
COSW0019	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	14	165	
COSW0020	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/14/72-05/14/75	3	7	
COSW0027	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	1	12	
COSW0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0031	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0033	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	121	
COSW0034	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	0	6	
COSW0036	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-02/01/74	0	14	
COSW0037	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	25	289	T,A,S
COSW0057	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/92-07/15/97	5	15	
COSW0068	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/85-07/15/97	12	73	
COSW0078	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/92-10/09/92	0	6	
COSW0083	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/25/96-06/26/97	0	8	
COSW0091	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0100	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0101	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0114	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0117	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-10/04/84	12	56	
COSW0123	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	25	131	S
COSW0124	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-10/04/84	13	67	
COSW0125	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0126	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0130	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-07/22/97	25	133	S
COSW0133	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	0	11	
COSW0139	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/94-07/15/97	3	21	
COSW0144	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	13	163	
COSW0149	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	4	46	
COSW0152	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	25	305	T,A,S
COSW0156	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-06/08/76	4	49	
COSW0158	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	25	302	T,A,S
COSW0163	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/08/92-07/09/97	5	14	
COSW0164	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	16	95	
COSW0165	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	16	198	
COSW0166	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	16	197	
COSW0168	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/77-09/19/78	0	11	
COSW0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	25	266	T,A,S
COSW0171	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	25	130	S
COSW0172	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0173	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0175	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0176	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0177	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0178	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0179	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/72-07/01/97	24	123	
COSW0180	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/08/72-07/01/97	25	125	S
COSW0181	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0182	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0183	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	0	4	
COSW0192	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/75-07/01/97	22	113	
COSW0193	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/06/75-07/01/97	22	115	
COSW0025	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/07/74-11/07/74	0	1	
COSW0038	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0044	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-10/30/96	0	18	
COSW0045	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/96-11/07/96	0	46	
COSW0050	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0053	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/31/96-11/04/96	0	80	
COSW0054	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/26/96-12/16/96	0	4	
COSW0058	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0063	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/29/96-10/30/96	0	17	
COSW0064	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/15/96-11/04/96	0	76	
COSW0067	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/30/96-11/12/96	0	81	
COSW0070	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/96-11/12/96	0	75	
COSW0072	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0073	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/15/96-11/12/96	0	74	
COSW0075	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0079	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/31/96-11/12/96	0	82	
COSW0081	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	0	5	
COSW0088	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	0	72	
COSW0094	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0097	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0127	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0128	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0129	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0132	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/96-09/16/96	0	1	
COSW0134	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0135	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0136	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/17/96-09/17/96	0	1	
COSW0143	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0145	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0146	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0147	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0150	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/96-09/19/96	0	1	
COSW0154	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/10/95-03/03/97	1	53	
COSW0155	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/96-09/18/96	0	1	
COSW0168	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/23/95-03/10/97	1	20	
COSW0017	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	10/18/83-10/18/83	0	1	
COSW0037	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/03/89-02/03/89	0	1	
COSW0123	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/09/71-03/31/71	0	6	
COSW0124	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/09/71-03/31/71	0	6	
COSW0130	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-03/01/71	0	2	
COSW0149	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-03/01/71	0	2	
COSW0152	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-09/21/71	0	4	
COSW0156	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/24/71-05/24/71	0	1	
COSW0158	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/24/71-09/21/71	0	2	
COSW0168	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/28/59-09/09/65	5	23	
COSW0021	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/14/72-05/14/75	3	7	
COSW0025	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/07/74-11/07/74	0	1	
COSW0037	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/19/75	3	31	
COSW0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	0	72	
COSW0044	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-10/30/96	0	18	
COSW0045	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/21/96-11/07/96	0	46	
COSW0050	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	0	72	
COSW0053	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/31/96-11/04/96	0	80	
COSW0058	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	0	72	
COSW0063	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/29/96-10/30/96	0	17	
COSW0064	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/15/96-11/04/96	0	76	
COSW0067	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/30/96-11/12/96	0	81	
COSW0070	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/14/96-11/12/96	0	75	
COSW0073	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/15/96-11/12/96	0	74	
COSW0079	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/31/96-11/12/96	0	82	
COSW0088	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	0	72	
COSW0117	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/11/71-05/16/75	3	18	
COSW0123	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/71-05/16/75	4	26	
COSW0124	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/71-05/16/75	4	33	
COSW0130	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/16/75	4	22	
COSW0149	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/02/75	4	37	
COSW0152	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/02/75	4	47	
COSW0156	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/24/71-05/02/75	3	41	
COSW0158	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/24/71-05/16/75	3	42	
COSW0164	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/07/71-05/21/75	3	32	
COSW0169	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	3	20	
COSW0171	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	3	19	
COSW0179	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/13/72-05/21/75	2	9	
COSW0180	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	3	14	
COSW0193	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/06/75-05/06/75	0	1	
COSW0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0003	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0006	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	13	130	
COSW0007	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/07/89	0	12	
COSW0008	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0009	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	5	
COSW0010	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	9	109	
COSW0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	4	
COSW0013	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	4	
COSW0016	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	123	
COSW0019	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	14	165	
COSW0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0027	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	4	
COSW0031	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0033	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	123	
COSW0034	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	0	5	
COSW0036	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-02/01/74	0	14	
COSW0037	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	22	253	A
COSW0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/25/69-12/17/70	1	10	
COSW0054	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/26/96-12/16/96	0	4	
COSW0057	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/92-07/15/97	5	15	
COSW0068	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/85-07/15/97	12	75	
COSW0072	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0075	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0078	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/92-10/09/92	0	6	
COSW0081	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0083	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/25/96-07/15/97	0	9	
COSW0090	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/25/96-06/26/97	0	8	
COSW0091	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0094	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0097	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0100	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0101	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0114	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-10/04/84	4	17	
COSW0123	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-07/23/97	17	91	
COSW0124	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-10/04/84	4	17	
COSW0125	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0126	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0127	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0128	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0129	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0130	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/80-07/22/97	17	92	
COSW0132	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0133	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	0	11	
COSW0134	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0135	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0139	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/25/94-07/15/97	3	21	
COSW0143	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0144	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	13	163	
COSW0145	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0146	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0147	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0149	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/08/76	1	8	
COSW0150	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0152	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	22	259	A
COSW0154	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/10/95-03/03/97	1	53	
COSW0155	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/08/76	1	8	
COSW0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	22	257	A
COSW0160	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/69-03/25/71	1	11	
COSW0163	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/08/92-07/09/97	5	14	
COSW0164	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/10/73-11/10/87	14	59	
COSW0165	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	16	197	
COSW0166	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	16	197	
COSW0168	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/77-03/10/97	19	31	
COSW0169	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	20	237	A
COSW0171	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	17	91	
COSW0172	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0173	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0175	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0176	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0177	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0178	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	17	92	
COSW0180	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/28/79-07/01/97	18	91	
COSW0181	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0182	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0183	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0192	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	17	90	
COSW0193	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	17	90	
COSW0001	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0003	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0004	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/08/89	1	13	
COSW0007	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/07/89	0	13	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# Station/Parameter Period of Record Tabulation From 05/12/54 To 08/19/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0008	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0016	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0020	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0027	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0028	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0037	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/90-03/28/90	0	1	
COSW0052	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	1	94	
COSW0054	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0075	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0077	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0085	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	1	94	
COSW0094	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0097	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0127	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0128	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0129	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0132	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0134	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0135	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0136	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0143	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0145	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0146	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0147	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0150	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0154	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/10/95-03/03/97	1	54	
COSW0155	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0168	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/77-03/10/97	19	30	
COSW0012	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-08/17/76	0	2	
COSW0017	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/18/83-10/18/83	0	1	
COSW0019	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/12/83-02/22/96	12	13	
COSW0029	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-08/17/76	0	2	
COSW0037	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/01/76-02/22/96	19	20	
COSW0149	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/07/75-11/07/75	0	1	
COSW0158	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/02/90-02/21/96	5	6	
COSW0165	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	02/12/85-02/12/85	0	1	
COSW0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	1	13	
COSW0007	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/07/89	0	13	
COSW0008	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0016	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0020	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0025	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/07/74-11/07/74	0	1	
COSW0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0028	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	13	
COSW0036	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/27/73-02/01/74	0	14	
COSW0054	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0075	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	0	5	
COSW0094	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0097	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0127	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0128	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0129	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0132	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	0	1	
COSW0134	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0135	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	0	1	
COSW0143	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0145	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0146	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0147	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0150	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	0	1	
COSW0154	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/95-03/03/97	1	54	
COSW0155	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	0	1	
COSW0168	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/95-03/10/97	1	20	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0001	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0003	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0004	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0007	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0008	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0014	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/10/75-08/17/76	0	3	
COSW0016	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0019	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	14	161	
COSW0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0024	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/89-03/19/91	1	69	
COSW0027	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0028	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0032	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/10/75-08/17/76	0	3	
COSW0037	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	22	248	A
COSW0039	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/89-03/19/91	1	69	
COSW0057	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/92-05/27/97	5	5	
COSW0078	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/92-08/07/92	0	2	
COSW0083	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/25/96-05/27/97	0	3	
COSW0090	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/25/96-05/15/97	0	6	
COSW0117	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/75-06/18/75	0	1	
COSW0130	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/74-08/29/74	0	1	
COSW0144	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/84-05/06/97	13	55	
COSW0149	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-06/08/76	1	13	
COSW0152	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-05/06/97	22	86	
COSW0156	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-06/08/76	1	13	
COSW0158	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/02/75-05/07/97	22	86	
COSW0163	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/08/92-02/04/97	4	4	
COSW0164	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-11/10/87	13	58	
COSW0165	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	16	193	
COSW0166	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	16	194	
COSW0168	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/27/77-08/15/78	0	8	
COSW0169	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/06/76-05/22/97	20	72	
COSW0171	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/24/87-09/24/87	0	1	
COSW0172	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0173	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0175	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0176	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0177	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0178	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0180	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/24/87-09/24/87	0	1	
COSW0181	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0182	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0183	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	0	4	
COSW0001	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0003	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0004	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0007	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	0	2	
COSW0008	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0016	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0020	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0027	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0028	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	0	2	
COSW0054	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0075	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0094	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0097	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0127	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0128	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0129	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0132	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0134	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0135	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0136	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0143	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0145	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0146	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0147	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0150	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0154	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/95-03/03/97	1	54	
COSW0155	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0168	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-03/10/97	19	24	
COSW0024	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/12/89-02/28/91	1	66	
COSW0039	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/12/89-02/28/91	1	66	
COSW0054	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0075	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	0	5	
COSW0094	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0097	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0127	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0128	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0129	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0132	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	0	1	
COSW0134	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0135	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0136	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
COSW0143	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0145	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0146	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0147	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0150	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	0	1	
COSW0154	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/10/95-03/03/97	1	52	
COSW0155	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	0	1	
COSW0168	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-03/10/97	19	24	
COSW0019	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/12/83-12/12/83	0	1	
COSW0006	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/83-12/11/96	13	135	
COSW0010	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/80-10/03/89	9	69	
COSW0016	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/89-02/14/89	0	1	
COSW0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/84-12/11/96	12	124	
COSW0019	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/23/83-02/13/97	13	16	
COSW0024	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/89-03/19/91	1	69	
COSW0025	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/07/74-11/07/74	0	1	
COSW0033	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/84-12/11/96	12	125	
COSW0037	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/71-02/13/97	25	19	
COSW0039	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/89-03/19/91	1	69	
COSW0057	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/92-02/26/97	4	2	
COSW0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/92-05/07/92	0	1	
COSW0083	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/26/97-02/26/97	0	1	
COSW0090	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/97-02/13/97	0	1	
COSW0117	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/71-06/22/84	12	3	
COSW0123	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/71-06/22/84	12	4	
COSW0124	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/71-06/22/84	12	4	
COSW0130	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/25/71-06/22/84	12	3	
COSW0144	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/27/84-02/26/97	13	15	
COSW0152	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/71-02/26/97	25	21	
COSW0156	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/71-09/21/71	0	4	
COSW0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/71-02/26/97	25	19	
COSW0160	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/70-10/21/70	0	1	
COSW0163	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/97-02/04/97	0	1	
COSW0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/71-04/08/80	8	5	
COSW0165	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/10/83-02/26/97	13	14	
COSW0166	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/10/83-02/26/97	13	14	
COSW0168	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/54-09/19/78	24	51	
COSW0169	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/71-02/25/97	25	17	
COSW0170	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/17/57-05/12/61	3	5	
COSW0171	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/71-07/03/84	12	4	
COSW0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/83-07/03/84	1	2	
COSW0180	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/83-07/03/84	1	2	
COSW0192	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/83-07/03/84	1	2	
COSW0193	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/83-07/03/84	1	2	
COSW0025	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/07/74-11/07/74	0	1	
COSW0160	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/70-10/21/70	0	1	
COSW0168	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/12/54-09/19/78	24	51	
COSW0170	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/17/57-05/12/61	3	5	
COSW0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/08/88-03/08/89	1	12	
COSW0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/08/88-03/08/89	1	13	
COSW0007	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/08/88-03/07/89	0	13	
COSW0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0016	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0020	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0025	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/07/74-11/07/74	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0027	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/88-03/07/89	1	13	
COSW0052	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	1	94	
COSW0054	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	0	5	
COSW0075	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	0	5	
COSW0077	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	0	5	
COSW0085	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	1	94	
COSW0094	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	0	1	
COSW0097	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	0	1	
COSW0102	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/18/85-06/18/85	0	1	
COSW0127	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	0	1	
COSW0128	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	0	1	
COSW0129	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	0	1	
COSW0132	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	0	1	
COSW0134	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	0	1	
COSW0135	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	0	1	
COSW0136	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	0	1	
COSW0143	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	0	1	
COSW0145	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	0	1	
COSW0146	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	0	1	
COSW0147	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	0	1	
COSW0150	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	0	1	
COSW0154	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/95-03/03/97	1	54	
COSW0155	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	0	1	
COSW0168	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/54-03/10/97	42	71	S
COSW0170	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/17/57-05/12/61	3	5	
COSW0001	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/08/88-03/08/89	1	8	
COSW0003	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0004	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/08/88-03/08/89	1	8	
COSW0006	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/22/83-12/11/96	13	133	
COSW0007	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/08/88-03/07/89	0	8	
COSW0008	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0010	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/80-10/03/89	9	70	
COSW0016	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0018	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/05/84-12/11/96	12	123	
COSW0019	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/23/83-03/07/86	2	3	
COSW0020	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0024	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/89-03/19/91	1	69	
COSW0027	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0028	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/88-03/07/89	1	8	
COSW0033	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/05/84-12/11/96	12	123	
COSW0037	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/23/83-03/07/86	2	3	
COSW0039	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/89-03/19/91	1	69	
COSW0071	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/85-11/23/85	0	4	
COSW0117	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/21/83-06/22/84	1	2	
COSW0123	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/21/83-06/22/84	1	2	
COSW0124	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/21/83-06/22/84	1	2	
COSW0130	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/21/83-06/22/84	1	2	
COSW0144	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/27/84-03/07/86	2	3	
COSW0152	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/23/83-03/07/86	2	3	
COSW0158	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/23/83-03/07/86	2	3	
COSW0165	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/10/83-03/10/86	2	3	
COSW0166	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/10/83-08/02/88	4	4	
COSW0169	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/10/83-03/10/86	2	3	
COSW0171	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/27/83-07/03/84	1	2	
COSW0179	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/83-07/03/84	1	2	
COSW0180	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/83-07/03/84	1	2	
COSW0192	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/83-07/03/84	1	2	
COSW0193	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/83-07/03/84	1	2	
COSW0006	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	08/09/95-03/11/96	0	2	
COSW0018	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	08/09/95-03/11/96	0	2	
COSW0033	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	08/09/95-03/11/96	0	2	
COSW0046	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

### Station/Parameter Period of Record Tabulation From 05/12/54 To 08/19/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0059	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0006	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	0	3	
COSW0018	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	0	3	
COSW0033	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	0	3	
COSW0046	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	02/12/85-02/12/85	0	1	
COSW0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/08/89	1	12	
COSW0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/08/89	1	13	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0007	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/07/89	0	13	
COSW0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0016	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0020	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0025	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/07/74-11/07/74	0	1	
COSW0027	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	1	13	
COSW0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/01/76	1	19	
COSW0052	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	1	94	
COSW0054	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	0	5	
COSW0075	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	0	5	
COSW0077	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	0	5	
COSW0085	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	1	94	
COSW0094	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	0	1	
COSW0097	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	0	1	
COSW0102	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/18/85-06/18/85	0	1	
COSW0127	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	0	1	
COSW0128	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	0	1	
COSW0129	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	0	1	
COSW0132	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	0	1	
COSW0134	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	0	1	
COSW0135	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	0	1	
COSW0136	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	0	1	
COSW0143	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	0	1	
COSW0145	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	0	1	
COSW0146	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	0	1	
COSW0147	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	0	1	
COSW0149	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	1	18	
COSW0150	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	0	1	
COSW0152	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	1	18	
COSW0154	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/95-03/03/97	1	54	
COSW0155	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	0	1	
COSW0156	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	1	18	
COSW0158	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/75-06/02/76	1	16	
COSW0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/11/76	1	19	
COSW0168	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	42	71	S
COSW0170	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/57-05/12/61	3	5	
COSW0001	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/08/89	1	8	
COSW0003	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	1	8	
COSW0004	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/08/89	1	8	
COSW0006	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	13	134	
COSW0007	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/07/89	0	8	
COSW0008	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	1	8	
COSW0010	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	9	70	
COSW0016	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-02/14/89	0	7	
COSW0018	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	12	122	
COSW0019	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-10/13/89	5	4	
COSW0020	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	1	8	
COSW0024	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/89-03/19/91	1	69	
COSW0027	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	1	8	
COSW0028	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	1	8	
COSW0033	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	12	123	
COSW0037	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/20/80-03/07/86	5	4	
COSW0039	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/89-03/19/91	1	69	
COSW0071	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/85-11/23/85	0	4	
COSW0117	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	1	2	
COSW0123	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	1	2	
COSW0124	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	1	2	
COSW0130	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	1	2	
COSW0144	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/84-03/07/86	2	3	
COSW0152	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-03/07/86	2	3	
COSW0158	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-03/07/86	2	3	
COSW0165	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	2	3	
COSW0166	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	2	3	
COSW0169	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	2	3	
COSW0171	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/27/83-07/03/84	1	2	
COSW0179	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	1	2	
COSW0180	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	1	2	
COSW0192	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	1	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0193	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	1	2	
COSW0006	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	8	82	
COSW0010	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-10/03/89	1	17	
COSW0018	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	8	82	
COSW0033	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	8	82	
COSW0071	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/03/85-05/28/86	0	10	
COSW0072	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/03/85-11/23/85	0	4	
COSW0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/08/88-03/08/89	1	12	
COSW0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	13	
COSW0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/08/88-03/08/89	1	13	
COSW0007	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/08/88-03/07/89	0	13	
COSW0008	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	13	
COSW0016	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	12	
COSW0020	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	13	
COSW0025	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/07/74-11/07/74	0	1	
COSW0027	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	13	
COSW0028	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/88-03/07/89	1	13	
COSW0052	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	1	94	
COSW0054	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	0	5	
COSW0075	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	0	5	
COSW0077	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	0	5	
COSW0085	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	1	94	
COSW0094	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	0	1	
COSW0097	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	0	1	
COSW0102	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/18/85-06/18/85	0	1	
COSW0127	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	0	1	
COSW0128	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	0	1	
COSW0129	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	0	1	
COSW0132	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	0	1	
COSW0134	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	0	1	
COSW0135	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	0	1	
COSW0136	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	0	1	
COSW0143	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	0	1	
COSW0145	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	0	1	
COSW0146	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	0	1	
COSW0147	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	0	1	
COSW0150	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	0	1	
COSW0154	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/95-03/03/97	1	54	
COSW0155	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	0	1	
COSW0168	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	42	71	S
COSW0170	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/17/57-05/12/61	3	5	
COSW0025	No	00931	SODIUM ADSORPTION RATIO	11/07/74-11/07/74	0	1	
COSW0168	No	00931	SODIUM ADSORPTION RATIO	10/28/59-09/19/78	18	34	
COSW0025	No	00932	SODIUM, PERCENT	11/07/74-11/07/74	0	1	
COSW0168	No	00932	SODIUM, PERCENT	10/28/59-09/19/78	18	34	
COSW0046	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0093	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/08/89	1	12	
COSW0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/08/89	1	13	
COSW0007	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/07/89	0	13	
COSW0008	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0016	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0020	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0025	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/07/74-11/07/74	0	1	
COSW0027	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0028	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	1	13	
COSW0052	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	1	94	
COSW0054	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	0	5	
COSW0075	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	0	5	
COSW0077	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	0	5	
COSW0085	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	1	94	
COSW0094	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	0	1	
COSW0097	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	0	1	
COSW0127	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	0	1	
COSW0128	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	0	1	
COSW0129	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	0	1	
COSW0132	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	0	1	
COSW0134	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	0	1	
COSW0135	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	0	1	
COSW0136	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	0	1	
COSW0143	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	0	1	
COSW0145	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	0	1	
COSW0146	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	0	1	
COSW0147	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	0	1	
COSW0150	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	0	1	
COSW0154	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/95-03/03/97	1	54	
COSW0155	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	0	1	
COSW0168	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	42	71	S
COSW0170	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/17/57-05/12/61	3	5	
COSW0006	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	7	74	
COSW0010	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-10/03/89	0	8	
COSW0018	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	7	74	
COSW0033	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	7	74	
COSW0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/74-11/07/74	0	1	
COSW0037	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/71-10/06/71	0	2	
COSW0054	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/96-12/16/96	0	5	
COSW0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/96-12/16/96	0	5	
COSW0081	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/96-12/16/96	0	5	
COSW0094	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/96-09/17/96	0	1	
COSW0097	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/96-09/16/96	0	1	
COSW0117	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/71-10/09/73	2	2	
COSW0123	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/09/71-10/09/73	2	10	
COSW0124	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/09/71-10/09/73	2	10	
COSW0127	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/96-09/16/96	0	1	
COSW0128	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/96-09/17/96	0	1	
COSW0129	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/96-09/16/96	0	1	
COSW0130	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/71-08/25/71	0	3	
COSW0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/96-09/16/96	0	1	
COSW0134	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/96-09/17/96	0	1	
COSW0135	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/96-09/18/96	0	1	
COSW0136	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/96-09/17/96	0	1	
COSW0143	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/96-09/18/96	0	1	
COSW0145	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/96-09/19/96	0	1	
COSW0146	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0147	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/96-09/19/96	0	1	
COSW0149	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/71-06/07/71	0	3	
COSW0150	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/96-09/19/96	0	1	
COSW0152	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/71-09/21/71	0	7	
COSW0154	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/95-03/03/97	1	54	
COSW0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/96-09/18/96	0	1	
COSW0156	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/71-09/21/71	0	4	
COSW0158	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/71-09/21/71	0	3	
COSW0160	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/70-10/21/70	0	1	
COSW0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-10/05/71	0	3	
COSW0168	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	42	71	S
COSW0169	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/08/71-09/21/71	0	3	
COSW0170	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/57-05/12/61	3	5	
COSW0171	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/71-09/21/71	0	2	
COSW0001	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/08/89	1	12	
COSW0003	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0004	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/08/89	1	13	
COSW0007	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/07/89	0	13	
COSW0008	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0016	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0020	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0027	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0028	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	1	13	
COSW0006	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	0	6	
COSW0010	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	0	6	
COSW0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	0	5	
COSW0019	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/89-12/27/89	0	1	
COSW0025	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/07/74-11/07/74	0	1	
COSW0033	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	0	7	
COSW0054	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	0	5	
COSW0075	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	0	5	
COSW0094	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	0	1	
COSW0097	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	0	1	
COSW0127	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	0	1	
COSW0128	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	0	1	
COSW0129	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	0	1	
COSW0132	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	0	1	
COSW0134	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	0	1	
COSW0135	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	0	1	
COSW0136	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	0	1	
COSW0143	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	0	1	
COSW0145	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	0	1	
COSW0146	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	0	1	
COSW0147	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	0	1	
COSW0150	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	0	1	
COSW0154	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/95-03/03/97	1	54	
COSW0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	0	1	
COSW0160	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/70-10/21/70	0	1	
COSW0168	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	42	71	S
COSW0170	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/17/57-05/12/61	3	5	
COSW0001	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/08/89	1	12	
COSW0003	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0004	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/08/89	1	13	
COSW0007	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/07/89	0	13	
COSW0008	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0016	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0020	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0027	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0028	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	1	13	
COSW0025	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/07/74-11/07/74	0	1	
COSW0054	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	0	5	
COSW0075	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	0	5	
COSW0081	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	0	5	
COSW0094	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	0	1	
COSW0097	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	0	1	
COSW0127	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	0	1	
COSW0128	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	0	1	
COSW0129	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	0	1	
COSW0132	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0134	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	0	1	
COSW0135	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	0	1	
COSW0136	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	0	1	
COSW0143	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	0	1	
COSW0145	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	0	1	
COSW0146	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	0	1	
COSW0147	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	0	1	
COSW0150	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	0	1	
COSW0154	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/95-03/03/97	1	54	
COSW0155	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	0	1	
COSW0160	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/70-10/21/70	0	1	
COSW0168	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	42	71	S
COSW0170	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/17/57-05/12/61	3	5	
COSW0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/08/88-03/08/89	1	12	
COSW0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/08/88-03/08/89	1	13	
COSW0007	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/08/88-03/07/89	0	13	
COSW0008	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0016	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0020	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0025	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/07/74-11/07/74	0	1	
COSW0027	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0028	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/88-03/07/89	1	13	
COSW0052	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	1	94	
COSW0054	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/26/96-12/16/96	0	4	
COSW0072	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	0	5	
COSW0075	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	0	5	
COSW0077	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	1	94	
COSW0081	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	0	5	
COSW0085	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	1	94	
COSW0094	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	0	1	
COSW0097	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	0	1	
COSW0102	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/18/85-06/18/85	0	1	
COSW0127	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	0	1	
COSW0128	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	0	1	
COSW0129	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	0	1	
COSW0132	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	0	1	
COSW0134	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	0	1	
COSW0135	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	0	1	
COSW0136	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	0	1	
COSW0143	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	0	1	
COSW0145	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	0	1	
COSW0146	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	0	1	
COSW0147	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	0	1	
COSW0150	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	0	1	
COSW0154	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/95-03/03/97	1	54	
COSW0155	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	0	1	
COSW0168	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	42	71	S
COSW0170	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/17/57-05/12/61	3	5	
COSW0037	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	0	1	
COSW0149	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	0	1	
COSW0152	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	0	1	
COSW0156	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	0	1	
COSW0164	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	0	1	
COSW0168	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/20/77-09/19/78	0	4	
COSW0168	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	12/20/77-06/23/78	0	3	
COSW0014	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/09/75-08/17/76	0	6	
COSW0032	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/09/75-08/17/76	0	6	
COSW0152	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/10/89-08/10/89	0	1	
COSW0168	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/20/77-09/19/78	0	4	
COSW0174	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/12/85-02/12/85	0	1	
COSW0052	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	1	94	
COSW0077	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	1	94	
COSW0085	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	1	94	
COSW0102	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/18/85-06/18/85	0	1	
COSW0168	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	12/20/77-09/19/78	0	4	
COSW0168	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	12/20/77-09/19/78	0	4	
COSW0071	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/03/85-11/23/85	0	4	
COSW0168	No	01007	BARIUM, TOTAL (UG/L AS BA)	12/20/77-09/19/78	0	4	
COSW0046	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0048	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	02/12/85-02/12/85	0	1	
COSW0027	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/08/88-08/08/88	0	1	
COSW0102	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	06/18/85-06/18/85	0	1	
COSW0071	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/03/85-11/23/85	0	4	
COSW0046	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0111	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	02/12/85-02/12/85	0	1	
COSW0052	No	01020	BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	1	94	
COSW0077	No	01020	BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	1	94	
COSW0085	No	01020	BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	1	94	
COSW0158	No	01020	BORON, DISSOLVED (UG/L AS B)	02/06/92-02/06/92	0	1	
COSW0174	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	02/12/85-02/12/85	0	1	
COSW0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/10/73-05/14/75	1	2	
COSW0037	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/10/73-08/30/77	4	32	
COSW0052	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	1	94	
COSW0077	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	1	94	
COSW0085	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	1	94	
COSW0102	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/18/85-06/18/85	0	1	
COSW0117	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	0	2	
COSW0123	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	0	2	
COSW0124	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	0	2	
COSW0130	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/28/73-05/31/74	0	4	
COSW0149	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-06/08/76	2	25	
COSW0152	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-08/30/77	4	30	
COSW0156	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-06/08/76	2	24	
COSW0158	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/04/72-08/30/77	5	30	
COSW0164	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/17/72-08/29/77	5	29	
COSW0168	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/20/77-09/19/78	0	4	
COSW0169	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-08/29/77	4	8	
COSW0171	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-10/11/74	1	3	
COSW0179	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/11/74-10/11/74	0	1	
COSW0180	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-10/11/74	1	3	
COSW0168	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	12/20/77-09/19/78	0	4	
COSW0006	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	11	110	
COSW0009	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0010	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-10/03/89	4	46	
COSW0011	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0013	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0018	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	11	109	
COSW0019	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	14	158	
COSW0024	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/22/89-03/16/91	1	312	
COSW0030	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0031	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0033	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	11	111	
COSW0034	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	0	6	
COSW0037	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	19	117	
COSW0039	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/22/89-03/16/91	1	312	
COSW0057	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/25/96-05/15/97	0	3	
COSW0091	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0100	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0101	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0114	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-11/17/94	0	2	
COSW0125	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0126	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0133	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	0	1	
COSW0144	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/84-05/06/97	13	55	
COSW0152	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/06/97	19	80	
COSW0158	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/07/97	19	80	
COSW0163	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/08/92-02/04/97	4	4	
COSW0164	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-11/10/87	9	25	
COSW0165	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	16	90	
COSW0166	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	16	90	
COSW0168	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/20/77-09/19/78	0	4	
COSW0169	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/22/97	19	80	
COSW0179	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/01/96-05/01/96	0	1	
COSW0006	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0019	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/12/89-02/28/91	1	66	

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**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0029	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0037	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/12/89-02/28/91	1	66	
COSW0046	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0100	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0102	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0114	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0115	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	0	2	
COSW0126	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/02/90-02/21/96	5	6	
COSW0165	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/12/85-02/12/85	0	1	
COSW0006	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0019	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	0	3	
COSW0037	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/12/89-02/28/91	1	66	
COSW0100	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0114	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0126	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/12/85-02/12/85	0	1	
COSW0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/73-05/14/75	1	2	
COSW0037	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/73-05/17/77	3	30	
COSW0052	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	1	94	
COSW0077	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	1	94	
COSW0085	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	1	94	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0117	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	0	2	
COSW0123	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	0	2	
COSW0124	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	0	2	
COSW0130	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/73-05/31/74	0	4	
COSW0149	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/73-06/08/76	2	25	
COSW0152	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/16/72-08/30/77	5	31	
COSW0156	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/73-06/08/76	2	24	
COSW0158	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/19/72-08/30/77	5	30	
COSW0164	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/27/73-08/29/77	4	27	
COSW0168	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/20/77-09/19/78	0	4	
COSW0169	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-08/29/77	4	7	
COSW0171	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-09/12/73	0	2	
COSW0180	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-09/12/73	0	2	
COSW0168	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	12/20/77-09/19/78	0	4	
COSW0169	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/25/92-08/25/92	0	1	
COSW0006	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10	99	
COSW0009	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0010	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-10/03/89	3	35	
COSW0011	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0013	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0018	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10	99	
COSW0019	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	14	158	
COSW0024	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/22/89-03/16/91	1	312	
COSW0030	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0031	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0033	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10	99	
COSW0034	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	0	6	
COSW0037	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	19	117	
COSW0039	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/22/89-03/16/91	1	312	
COSW0057	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/25/96-05/15/97	0	3	
COSW0091	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0100	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0101	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0114	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-11/17/94	0	2	
COSW0125	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0126	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0133	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	0	1	
COSW0144	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/84-05/06/97	13	55	
COSW0152	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/06/97	19	80	
COSW0158	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/07/97	19	80	
COSW0160	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/21/70-10/21/70	0	1	
COSW0163	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/08/92-02/04/97	4	4	
COSW0164	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-11/10/87	9	25	
COSW0165	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	16	90	
COSW0166	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	16	90	
COSW0168	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/20/77-09/19/78	0	4	
COSW0169	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/22/97	19	79	
COSW0179	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/01/96-05/01/96	0	1	
COSW0052	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	1	94	
COSW0077	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	1	94	
COSW0085	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	1	94	
COSW0102	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/18/85-06/18/85	0	1	
COSW0168	No	01035	COBALT, DISSOLVED (UG/L AS CO)	12/20/77-09/19/78	0	4	
COSW0168	No	01036	COBALT, SUSPENDED (UG/L AS CO)	12/20/77-09/19/78	0	4	
COSW0071	Yes	01037	COBALT, TOTAL (UG/L AS CO)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01037	COBALT, TOTAL (UG/L AS CO)	08/03/85-11/23/85	0	4	
COSW0168	No	01037	COBALT, TOTAL (UG/L AS CO)	12/20/77-09/19/78	0	4	
COSW0006	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	0	3	
COSW0018	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	0	3	
COSW0033	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	0	3	
COSW0046	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	0	1	

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**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0059	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	02/12/85-02/12/85	0	1	
COSW0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/73-05/14/75	1	2	
COSW0037	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/73-08/30/77	4	36	
COSW0052	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	1	94	
COSW0077	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	1	94	
COSW0085	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	1	94	
COSW0102	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/85-06/18/85	0	1	
COSW0117	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	1	7	
COSW0123	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	1	8	
COSW0124	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	1	7	
COSW0130	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/28/73-10/16/74	1	9	
COSW0149	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/73-06/08/76	2	31	
COSW0152	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/72-08/30/77	5	36	
COSW0156	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/72-06/08/76	4	31	
COSW0158	No	01040	COPPER, DISSOLVED (UG/L AS CU)	12/08/71-08/30/77	5	37	
COSW0160	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/21/70-10/21/70	0	1	
COSW0164	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/27/73-08/29/77	4	33	
COSW0168	No	01040	COPPER, DISSOLVED (UG/L AS CU)	12/20/77-09/19/78	0	4	
COSW0169	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/73-08/29/77	4	12	
COSW0171	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/73-10/11/74	1	7	
COSW0179	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/27/74-10/11/74	0	5	
COSW0180	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/73-10/11/74	1	7	
COSW0168	No	01041	COPPER, SUSPENDED (UG/L AS CU)	12/20/77-09/19/78	0	4	
COSW0006	No	01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	121	
COSW0009	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0010	No	01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	5	58	
COSW0011	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0013	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0018	No	01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	120	
COSW0019	No	01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	14	158	
COSW0024	No	01042	COPPER, TOTAL (UG/L AS CU)	03/22/89-03/16/91	1	312	
COSW0030	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0031	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0033	No	01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	120	
COSW0034	No	01042	COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	0	6	
COSW0037	No	01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	19	117	
COSW0039	No	01042	COPPER, TOTAL (UG/L AS CU)	03/22/89-03/16/91	1	312	
COSW0057	No	01042	COPPER, TOTAL (UG/L AS CU)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/25/96-05/15/97	0	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0091	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0100	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0101	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0114	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-11/17/94	0	2	
COSW0125	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0126	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0133	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	0	1	
COSW0144	No	01042	COPPER, TOTAL (UG/L AS CU)	01/27/84-05/06/97	13	54	
COSW0152	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/06/97	19	80	
COSW0158	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/07/97	19	80	
COSW0163	No	01042	COPPER, TOTAL (UG/L AS CU)	05/08/92-02/04/97	4	4	
COSW0164	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-11/10/87	9	25	
COSW0165	No	01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	16	90	
COSW0166	No	01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	16	90	
COSW0168	No	01042	COPPER, TOTAL (UG/L AS CU)	12/20/77-09/19/78	0	4	
COSW0169	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/22/97	19	80	
COSW0179	No	01042	COPPER, TOTAL (UG/L AS CU)	05/01/96-05/01/96	0	1	
COSW0006	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	0	3	
COSW0019	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	0	3	
COSW0037	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/12/89-02/28/91	1	66	
COSW0046	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0100	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	0	1	
COSW0102	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0114	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	0	1	
COSW0115	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	0	2	
COSW0126	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/12/85-02/12/85	0	1	
COSW0168	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/23/78-09/19/78	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0001	No	01045	IRON, TOTAL (UG/L AS FE)	03/08/88-03/08/89	1	12	
COSW0003	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0004	No	01045	IRON, TOTAL (UG/L AS FE)	03/08/88-03/08/89	1	12	
COSW0006	No	01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	13	135	
COSW0007	No	01045	IRON, TOTAL (UG/L AS FE)	03/08/88-03/07/89	0	12	
COSW0008	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0009	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0010	No	01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	9	71	
COSW0011	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0013	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0016	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0018	No	01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	12	123	
COSW0019	No	01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	14	158	
COSW0020	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0024	No	01045	IRON, TOTAL (UG/L AS FE)	03/22/89-03/16/91	1	312	
COSW0027	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0028	No	01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	1	12	
COSW0030	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0031	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0033	No	01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	12	124	
COSW0034	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	0	6	
COSW0037	No	01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	19	117	
COSW0039	No	01045	IRON, TOTAL (UG/L AS FE)	03/22/89-03/16/91	1	312	
COSW0057	No	01045	IRON, TOTAL (UG/L AS FE)	05/07/92-05/27/97	5	5	
COSW0078	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/25/96-05/15/97	0	3	
COSW0091	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0100	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0101	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0114	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-11/17/94	0	2	
COSW0125	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0126	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0133	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	0	1	
COSW0144	No	01045	IRON, TOTAL (UG/L AS FE)	01/27/84-05/06/97	13	55	
COSW0152	No	01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/06/97	19	80	
COSW0158	No	01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/07/97	19	80	
COSW0163	No	01045	IRON, TOTAL (UG/L AS FE)	05/08/92-02/04/97	4	4	
COSW0164	No	01045	IRON, TOTAL (UG/L AS FE)	11/18/77-11/10/87	9	25	
COSW0165	No	01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	16	90	
COSW0166	No	01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	16	90	
COSW0168	No	01045	IRON, TOTAL (UG/L AS FE)	05/12/54-09/19/78	24	21	
COSW0169	No	01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/22/97	19	79	
COSW0170	No	01045	IRON, TOTAL (UG/L AS FE)	05/17/57-05/12/61	3	5	
COSW0179	No	01045	IRON, TOTAL (UG/L AS FE)	05/01/96-05/01/96	0	1	
COSW0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/08/89	1	12	
COSW0003	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/08/89	1	13	
COSW0007	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/07/89	0	13	
COSW0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0016	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/73-05/14/75	1	2	
COSW0025	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/07/74-11/07/74	0	1	
COSW0027	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0028	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	1	13	
COSW0037	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/30/73-08/30/77	4	40	
COSW0052	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/88-06/30/90	1	110	
COSW0054	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/26/96-12/16/96	0	4	
COSW0072	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	0	5	
COSW0075	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	0	5	
COSW0077	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/88-06/30/90	1	110	
COSW0081	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	0	5	
COSW0085	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/88-06/30/90	1	110	
COSW0094	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	0	1	
COSW0097	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	0	1	
COSW0102	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/18/85-06/18/85	0	1	
COSW0117	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/04/73-10/07/74	1	9	
COSW0123	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/04/73-10/07/74	1	10	
COSW0124	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-10/07/74	1	13	
COSW0127	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	0	1	
COSW0128	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0129	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	0	1	
COSW0130	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/25/73-10/16/74	1	9	
COSW0132	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	0	1	
COSW0134	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	0	1	
COSW0135	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	0	1	
COSW0136	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	0	1	
COSW0143	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	0	1	
COSW0145	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	0	1	
COSW0146	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	0	1	
COSW0147	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	0	1	
COSW0149	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-06/08/76	3	36	
COSW0150	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	0	1	
COSW0152	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-08/30/77	4	41	
COSW0154	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/10/95-03/03/97	1	54	
COSW0155	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	0	1	
COSW0156	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-06/08/76	3	36	
COSW0158	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-08/30/77	4	40	
COSW0160	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/70-10/21/70	0	1	
COSW0164	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/06/72-08/29/77	4	39	
COSW0168	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/28/59-03/10/97	37	47	S
COSW0169	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/21/73-08/29/77	4	14	
COSW0171	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/21/73-10/11/74	1	9	
COSW0179	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/11/73-10/11/74	1	6	
COSW0180	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/21/73-10/11/74	1	9	
COSW0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/73-05/14/75	1	2	
COSW0037	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/73-08/30/77	4	37	
COSW0052	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	1	94	
COSW0077	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	1	94	
COSW0085	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	1	94	
COSW0102	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/85-06/18/85	0	1	
COSW0117	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	1	7	
COSW0123	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	1	8	
COSW0124	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	1	7	
COSW0130	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/28/73-10/16/74	1	9	
COSW0149	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/73-06/08/76	2	33	
COSW0152	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/73-08/30/77	4	37	
COSW0156	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/73-06/08/76	2	32	
COSW0158	No	01049	LEAD, DISSOLVED (UG/L AS PB)	12/08/71-08/30/77	5	36	
COSW0160	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/21/70-10/21/70	0	1	
COSW0164	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/27/73-08/29/77	4	35	
COSW0168	No	01049	LEAD, DISSOLVED (UG/L AS PB)	12/20/77-09/19/78	0	4	
COSW0169	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/73-08/29/77	4	12	
COSW0171	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/73-10/11/74	1	7	
COSW0179	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/27/74-10/11/74	0	5	
COSW0180	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/73-10/11/74	1	7	
COSW0168	No	01050	LEAD, SUSPENDED (UG/L AS PB)	12/20/77-09/19/78	0	4	
COSW0006	No	01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	13	135	
COSW0009	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0010	No	01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	9	71	
COSW0011	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0013	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0018	No	01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	12	124	
COSW0019	No	01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	14	158	
COSW0024	No	01051	LEAD, TOTAL (UG/L AS PB)	03/22/89-03/16/91	1	312	
COSW0030	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0031	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0033	No	01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	12	124	
COSW0034	No	01051	LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	0	6	
COSW0037	No	01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	19	117	
COSW0039	No	01051	LEAD, TOTAL (UG/L AS PB)	03/22/89-03/16/91	1	312	
COSW0057	No	01051	LEAD, TOTAL (UG/L AS PB)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/25/96-05/15/97	0	3	
COSW0091	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	
COSW0100	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	
COSW0101	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	
COSW0114	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-11/17/94	0	2	
COSW0125	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	
COSW0126	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0133	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	0	1	
COSW0144	No	01051	LEAD, TOTAL (UG/L AS PB)	01/27/84-05/06/97	13	55	
COSW0152	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/06/97	19	80	
COSW0158	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/07/97	19	80	
COSW0163	No	01051	LEAD, TOTAL (UG/L AS PB)	05/08/92-02/04/97	4	4	
COSW0164	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-11/10/87	9	25	
COSW0165	No	01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	16	90	
COSW0166	No	01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	16	90	
COSW0168	No	01051	LEAD, TOTAL (UG/L AS PB)	12/20/77-09/19/78	0	4	
COSW0169	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/22/97	19	80	
COSW0179	No	01051	LEAD, TOTAL (UG/L AS PB)	05/01/96-05/01/96	0	1	
COSW0006	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	0	3	
COSW0019	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	0	3	
COSW0037	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/12/89-02/28/91	1	66	
COSW0046	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0100	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	0	1	
COSW0102	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0114	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	0	1	
COSW0115	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	0	2	
COSW0126	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/12/85-02/12/85	0	1	
COSW0006	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0024	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0039	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/12/89-02/28/91	1	66	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0046	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0149	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/07/75-11/07/75	0	1	
COSW0166	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/21/89-11/21/89	0	1	
COSW0174	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/12/85-02/12/85	0	1	
COSW0037	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/21/92-08/21/92	0	1	
COSW0168	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	12/20/77-09/19/78	0	4	
COSW0001	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/08/89	1	12	
COSW0003	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/08/89	1	12	
COSW0006	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	13	135	
COSW0007	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/07/89	0	12	
COSW0008	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0009	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0010	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	9	71	
COSW0011	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0013	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0016	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0018	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	12	124	
COSW0019	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	14	158	
COSW0020	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0024	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/89-03/16/91	1	312	
COSW0027	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0028	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	1	12	
COSW0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0031	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0033	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	12	124	
COSW0034	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	0	6	
COSW0037	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	19	115	
COSW0039	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/89-03/16/91	1	312	
COSW0057	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/25/96-05/15/97	0	3	
COSW0091	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	
COSW0100	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0101	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	
COSW0114	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-11/17/94	0	2	
COSW0125	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	
COSW0126	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	
COSW0133	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	0	1	
COSW0144	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/84-05/06/97	13	55	
COSW0152	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/06/97	19	80	
COSW0158	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/07/97	19	79	
COSW0163	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/08/92-02/04/97	4	4	
COSW0164	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-11/10/87	9	25	
COSW0165	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	16	89	
COSW0166	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	16	89	
COSW0168	No	01055	MANGANESE, TOTAL (UG/L AS MN)	12/20/77-09/19/78	0	4	
COSW0169	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/22/97	19	79	
COSW0179	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/96-05/01/96	0	1	
COSW0001	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/08/89	1	12	
COSW0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/08/89	1	13	
COSW0007	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/07/89	0	13	
COSW0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0016	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0020	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0025	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/07/74-11/07/74	0	1	
COSW0027	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0028	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	1	13	
COSW0037	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/30/77	2	25	
COSW0052	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	1	94	
COSW0054	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/26/96-12/16/96	0	4	
COSW0072	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	0	5	
COSW0075	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	0	5	
COSW0077	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	1	94	
COSW0081	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	0	5	
COSW0085	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	1	94	
COSW0094	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	0	1	
COSW0097	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	0	1	
COSW0102	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/18/85-06/18/85	0	1	
COSW0127	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	0	1	
COSW0128	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	0	1	
COSW0129	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	0	1	
COSW0132	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	0	1	
COSW0134	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	0	1	
COSW0135	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	0	1	
COSW0136	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	0	1	
COSW0143	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	0	1	
COSW0145	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	0	1	
COSW0146	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	0	1	
COSW0147	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	0	1	
COSW0149	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-06/08/76	1	18	
COSW0150	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	0	1	
COSW0152	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/30/77	2	23	
COSW0154	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/95-03/03/97	1	54	
COSW0155	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	0	1	
COSW0156	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-06/08/76	1	18	
COSW0158	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/02/75-08/30/77	2	21	
COSW0160	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/21/70-10/21/70	0	1	
COSW0164	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/29/77	2	24	
COSW0168	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/20/77-03/10/97	19	23	
COSW0169	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/76-08/29/77	1	5	
COSW0052	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	1	94	
COSW0077	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	1	94	
COSW0085	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	1	94	
COSW0102	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/18/85-06/18/85	0	1	
COSW0071	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/03/85-11/23/85	0	4	
COSW0046	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0060	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	02/12/85-02/12/85	0	1	
COSW0009	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0011	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0013	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0030	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0031	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0034	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	0	1	
COSW0037	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/30/77	2	23	
COSW0052	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	1	94	
COSW0077	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	1	94	
COSW0085	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	1	94	
COSW0149	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-06/08/76	1	17	
COSW0152	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/30/77	2	22	
COSW0156	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-06/08/76	1	17	
COSW0158	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/02/75-08/30/77	2	21	
COSW0160	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/21/70-10/21/70	0	1	
COSW0164	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/29/77	2	23	
COSW0169	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/03/76-08/29/77	1	5	
COSW0006	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	11	111	
COSW0009	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0010	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-10/03/89	4	47	
COSW0011	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0013	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0018	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	11	111	
COSW0019	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	14	158	
COSW0024	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/22/89-03/16/91	1	312	
COSW0030	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0031	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0033	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	11	112	
COSW0034	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	0	1	
COSW0037	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	19	117	
COSW0039	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/22/89-03/16/91	1	312	
COSW0057	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/07/92-05/27/97	5	5	
COSW0078	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	11/25/96-05/15/97	0	3	
COSW0091	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0100	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0101	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0114	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-11/17/94	0	2	
COSW0125	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0126	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0133	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	0	1	
COSW0144	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/27/84-05/06/97	13	55	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0152	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/06/97	19	80	
COSW0158	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/07/97	19	80	
COSW0163	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/08/92-02/04/97	4	4	
COSW0164	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-11/10/87	9	25	
COSW0165	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	16	90	
COSW0166	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	16	90	
COSW0169	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/22/97	19	80	
COSW0179	No	01067	NICKEL, TOTAL (UG/L AS NI)	05/01/96-05/01/96	0	1	
COSW0012	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	09/10/75-08/17/76	0	4	
COSW0019	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	09/10/75-08/17/76	0	4	
COSW0037	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	1	66	
COSW0100	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	0	1	
COSW0114	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	0	1	
COSW0126	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	02/12/85-02/12/85	0	1	
COSW0002	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/06/83-10/22/86	3	17	
COSW0037	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/07/82-06/16/94	11	23	
COSW0130	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/21/82-12/19/86	4	10	
COSW0002	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	09/25/86-12/03/86	0	5	
COSW0019	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	10/13/86-10/17/86	0	4	
COSW0099	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	01/17/95-01/17/95	0	1	
COSW0164	No	01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	10/29/86-10/29/86	0	1	
COSW0168	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/20/77-09/19/78	0	4	
COSW0168	No	01076	SILVER, SUSPENDED (UG/L AS AG)	12/20/77-09/19/78	0	4	
COSW0168	No	01077	SILVER, TOTAL (UG/L AS AG)	12/20/77-09/19/78	0	4	
COSW0169	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/87-05/20/87	0	1	
COSW0174	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/12/85-02/12/85	0	1	
COSW0052	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	1	94	
COSW0077	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	1	94	
COSW0085	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	1	94	
COSW0102	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/18/85-06/18/85	0	1	
COSW0046	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0102	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	0	2	
COSW0102	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/18/85-06/18/85	0	1	
COSW0174	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	02/12/85-02/12/85	0	1	
COSW0037	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/75-08/30/77	2	20	
COSW0052	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	1	94	
COSW0077	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	1	94	
COSW0085	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	1	94	
COSW0102	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/85-06/18/85	0	1	
COSW0149	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-06/08/76	2	13	
COSW0152	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-08/30/77	3	18	
COSW0156	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-06/08/76	2	13	
COSW0158	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-08/30/77	3	19	
COSW0164	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-08/29/77	3	19	
COSW0168	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/20/77-09/19/78	0	4	
COSW0169	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/76-08/29/77	1	5	
COSW0168	No	01091	ZINC, SUSPENDED (UG/L ZN)	12/20/77-09/19/78	0	4	
COSW0006	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	11	111	
COSW0009	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0010	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-10/03/89	4	47	
COSW0011	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0013	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0018	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	11	111	
COSW0019	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	14	158	
COSW0024	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/22/89-03/16/91	1	312	
COSW0030	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0031	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0033	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	11	112	
COSW0034	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	0	6	
COSW0037	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	19	116	
COSW0039	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/22/89-03/16/91	1	312	
COSW0057	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/07/92-05/27/97	5	5	
COSW0071	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/03/85-11/23/85	0	4	
COSW0078	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/07/92-08/07/92	0	2	
COSW0083	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/25/96-05/27/97	0	3	
COSW0090	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/25/96-05/15/97	0	3	
COSW0091	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0100	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0101	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0114	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-11/17/94	0	2	
COSW0125	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0126	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0133	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	0	1	
COSW0144	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/27/84-05/06/97	13	55	
COSW0152	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/06/97	19	80	
COSW0158	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/07/97	19	80	
COSW0163	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/08/92-02/04/97	4	4	
COSW0164	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-11/10/87	9	25	
COSW0165	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	16	90	
COSW0166	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	16	90	
COSW0168	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/20/77-09/19/78	0	4	
COSW0169	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/22/97	19	80	
COSW0179	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/01/96-05/01/96	0	1	
COSW0006	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0012	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-08/17/76	0	4	
COSW0018	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0019	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/12/89-02/28/91	1	66	
COSW0029	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-08/17/76	0	4	
COSW0033	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	0	3	
COSW0037	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/01/76-02/22/96	19	20	
COSW0039	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/12/89-02/28/91	1	66	
COSW0046	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/86-06/02/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0049	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0100	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	0	1	
COSW0102	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0114	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	0	1	
COSW0115	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	0	2	
COSW0126	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/12/85-02/12/85	0	1	
COSW0037	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	11/10/88-11/10/88	0	1	
COSW0174	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	02/12/85-02/12/85	0	1	
COSW0169	No	01102	TIN, TOTAL (UG/L AS SN)	05/20/87-05/20/87	0	1	
COSW0174	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/12/85-02/12/85	0	1	
COSW0001	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/08/89	1	12	
COSW0003	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	12	
COSW0004	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/08/89	1	12	
COSW0007	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/07/89	0	12	
COSW0008	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	12	
COSW0016	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	12	
COSW0019	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/18/86-04/19/90	3	12	
COSW0020	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	12	
COSW0024	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/22/89-03/16/91	1	312	
COSW0027	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	11	
COSW0028	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	1	12	
COSW0037	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/03/89-02/16/90	1	4	
COSW0039	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/22/89-03/16/91	1	312	
COSW0144	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/10/88-02/16/90	1	5	
COSW0152	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/03/89-08/10/89	0	3	
COSW0158	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/03/89-02/16/90	1	4	
COSW0165	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	0	4	
COSW0166	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	0	4	
COSW0169	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	0	5	
COSW0001	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/08/89	1	12	
COSW0003	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	
COSW0004	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/08/89	1	13	
COSW0007	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/07/89	0	13	
COSW0008	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	
COSW0016	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	
COSW0020	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0027	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	
COSW0028	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	1	13	
COSW0052	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	1	94	
COSW0077	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	1	94	
COSW0085	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	1	94	
COSW0024	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/12/89-02/28/91	1	66	
COSW0039	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/12/89-02/28/91	1	66	
COSW0165	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/21/89-11/21/89	0	1	
COSW0166	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/21/89-11/21/89	0	1	
COSW0174	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	02/12/85-02/12/85	0	1	
COSW0102	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/18/85-06/18/85	0	1	
COSW0071	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/03/85-05/28/86	0	10	
COSW0072	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/03/85-11/23/85	0	4	
COSW0046	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	0	1	
COSW0066	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	0	2	
COSW0174	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	02/12/85-02/12/85	0	1	
COSW0168	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/20/77-09/19/78	0	4	
COSW0168	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	12/20/77-09/19/78	0	4	
COSW0168	No	01147	SELENIUM, TOTAL (UG/L AS SE)	12/20/77-09/19/78	0	4	
COSW0174	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	02/12/85-02/12/85	0	1	
COSW0174	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	02/12/85-02/12/85	0	1	
COSW0006	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	0	3	
COSW0018	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	0	3	
COSW0024	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/12/89-02/28/91	1	66	
COSW0033	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	0	3	
COSW0039	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/12/89-02/28/91	1	66	
COSW0046	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0047	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0048	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/86-06/02/86	0	1	
COSW0049	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/86-06/02/86	0	1	
COSW0051	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0055	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	0	1	
COSW0056	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0059	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0060	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0061	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0062	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	0	1	
COSW0065	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0066	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0069	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0071	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/04/86	0	3	
COSW0072	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0074	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0076	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0080	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0081	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0082	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0084	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	0	1	
COSW0086	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0087	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	0	1	
COSW0092	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0093	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0095	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0096	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0102	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0103	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0105	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0106	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0110	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0111	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0115	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	0	1	
COSW0116	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	0	2	
COSW0165	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/21/89-11/21/89	0	1	
COSW0166	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/21/89-11/21/89	0	1	
COSW0174	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	02/12/85-02/12/85	0	1	
COSW0019	No	01360	SAMPLE LENGTH CM	07/06/83-06/10/85	1	7	
COSW0037	No	01360	SAMPLE LENGTH CM	05/23/77-12/03/96	19	51	
COSW0089	No	01360	SAMPLE LENGTH CM	10/17/95-10/17/95	0	5	
COSW0098	No	01360	SAMPLE LENGTH CM	01/17/95-01/17/95	0	5	
COSW0099	No	01360	SAMPLE LENGTH CM	01/17/95-01/17/95	0	5	
COSW0158	No	01360	SAMPLE LENGTH CM	06/02/94-06/03/94	0	3	
COSW0164	No	01360	SAMPLE LENGTH CM	05/24/77-06/10/85	8	37	
COSW0002	No	01361	SAMPLE LENGTH-MAXIMUM CM	09/25/86-11/21/88	2	9	
COSW0019	No	01361	SAMPLE LENGTH-MAXIMUM CM	01/20/84-10/22/86	2	10	
COSW0037	No	01361	SAMPLE LENGTH-MAXIMUM CM	01/05/84-10/25/88	4	10	
COSW0130	No	01361	SAMPLE LENGTH-MAXIMUM CM	06/01/94-06/01/94	0	2	
COSW0144	No	01361	SAMPLE LENGTH-MAXIMUM CM	06/01/94-06/01/94	0	2	
COSW0158	No	01361	SAMPLE LENGTH-MAXIMUM CM	06/02/94-06/02/94	0	1	
COSW0164	No	01361	SAMPLE LENGTH-MAXIMUM CM	06/10/85-12/19/86	1	4	
COSW0002	No	01362	SAMPLE WEIGHT-MAXIMUM G	09/25/86-11/21/88	2	9	
COSW0019	No	01362	SAMPLE WEIGHT-MAXIMUM G	01/20/84-10/22/86	2	10	
COSW0037	No	01362	SAMPLE WEIGHT-MAXIMUM G	01/05/84-10/25/88	4	10	
COSW0130	No	01362	SAMPLE WEIGHT-MAXIMUM G	06/01/94-06/01/94	0	2	
COSW0144	No	01362	SAMPLE WEIGHT-MAXIMUM G	06/01/94-06/01/94	0	2	
COSW0158	No	01362	SAMPLE WEIGHT-MAXIMUM G	06/02/94-06/02/94	0	1	
COSW0164	No	01362	SAMPLE WEIGHT-MAXIMUM G	06/10/85-12/19/86	1	4	
COSW0002	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	09/25/86-11/21/88	2	9	
COSW0019	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	01/20/84-10/22/86	2	10	
COSW0037	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	01/05/84-10/25/88	4	10	
COSW0130	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/01/94-06/01/94	0	2	
COSW0144	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/01/94-06/01/94	0	2	
COSW0158	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/02/94-06/02/94	0	1	
COSW0164	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/10/85-12/19/86	1	4	
COSW0002	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	09/25/86-11/21/88	2	9	
COSW0019	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	01/20/84-10/22/86	2	10	
COSW0037	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	01/05/84-10/25/88	4	10	
COSW0130	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/01/94-06/01/94	0	2	
COSW0144	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/01/94-06/01/94	0	2	
COSW0158	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/02/94-06/02/94	0	1	
COSW0164	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	09/22/80-12/19/86	6	5	
COSW0002	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	09/25/86-11/21/88	2	9	
COSW0019	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	01/20/84-10/22/86	2	10	
COSW0037	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	01/05/84-10/25/88	4	10	
COSW0130	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/01/94-06/01/94	0	2	
COSW0144	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/01/94-06/01/94	0	2	
COSW0158	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/02/94-06/02/94	0	1	
COSW0164	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/10/85-12/19/86	1	4	
COSW0002	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	09/25/86-11/21/88	2	8	
COSW0019	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	01/20/84-10/22/86	2	10	
COSW0037	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	01/05/84-10/25/88	4	10	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# Station/Parameter Period of Record Tabulation

## From 05/12/54 To 08/19/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0130	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/01/94-06/01/94	0	2	
COSW0144	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/01/94-06/01/94	0	2	
COSW0158	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/02/94-06/02/94	0	1	
COSW0164	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	09/22/80-12/19/86	6	5	
COSW0019	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	07/06/83-06/10/85	1	7	
COSW0037	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/23/77-12/03/96	19	51	
COSW0089	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	10/17/95-10/17/95	0	5	
COSW0098	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	01/17/95-01/17/95	0	5	
COSW0099	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	01/17/95-01/17/95	0	5	
COSW0158	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	06/02/94-06/03/94	0	3	
COSW0164	No	01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/24/77-06/10/85	8	37	
COSW0160	No	01503	ALPHA, DISSOLVED	10/21/70-10/21/70	0	1	
COSW0160	No	01505	ALPHA, SUSPENDED	10/21/70-10/21/70	0	1	
COSW0160	No	03503	BETA, DISSOLVED	10/21/70-10/21/70	0	1	
COSW0160	No	03505	BETA, SUSPENDED	10/21/70-10/21/70	0	1	
COSW0054	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	0	1	
COSW0075	No	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	0	1	
COSW0154	No	04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	04/01/96-01/21/97	0	33	
COSW0054	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0134	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0155	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	0	3	
COSW0094	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	0	1	
COSW0013	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/75-08/17/76	0	5	
COSW0034	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/75-08/17/76	0	5	
COSW0037	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/08/71-08/12/71	0	3	
COSW0041	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/19/70-01/19/70	0	1	
COSW0117	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/11/71-07/28/71	0	3	
COSW0123	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/04/65-07/28/71	5	17	
COSW0124	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/04/65-08/18/71	6	17	
COSW0130	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/10/71-08/03/71	0	4	
COSW0144	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/16/85-08/16/85	0	1	
COSW0149	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/10/71	0	6	
COSW0152	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/11/71	0	5	
COSW0156	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/23/67-07/09/71	4	5	
COSW0158	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/11/71-08/18/71	0	3	
COSW0160	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/20/69-10/20/69	0	1	
COSW0164	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/12/71	0	3	
COSW0169	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/08/71-08/13/71	0	3	
COSW0171	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/66-08/13/71	5	6	
COSW0180	No	31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/66-08/09/71	4	5	
COSW0037	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/09/60-07/12/68	7	8	
COSW0144	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/10/85-01/20/89	4	21	
COSW0144	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/27/84-11/16/89	5	21	
COSW0013	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	0	2	
COSW0019	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/92-03/29/96	3	12	
COSW0021	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/10/72-04/11/72	0	2	
COSW0034	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	0	2	
COSW0037	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	27	25	S
COSW0068	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	0	1	
COSW0117	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-05/23/72	4	20	
COSW0123	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	26	30	S
COSW0124	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/69-05/23/72	2	22	
COSW0130	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/69-05/23/72	2	15	
COSW0139	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	0	1	
COSW0144	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/25/90-04/09/93	3	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0149	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/69-05/22/72	2	16	
COSW0152	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/10/71-04/03/92	21	13	
COSW0156	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/71-05/22/72	0	6	
COSW0158	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/11/71-04/09/93	21	11	
COSW0164	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/28/71-06/09/80	9	8	
COSW0165	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-11/10/92	10	4	
COSW0166	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-03/12/93	10	4	
COSW0169	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-04/15/94	25	16	
COSW0171	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-05/08/72	3	7	
COSW0179	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/91-10/02/92	1	2	
COSW0180	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/69-10/02/92	23	7	
COSW0192	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	0	1	
COSW0193	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	0	1	
COSW0006	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	13	130	
COSW0010	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	6	65	
COSW0013	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	0	4	
COSW0018	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	12	114	
COSW0019	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	14	152	
COSW0021	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/72-05/14/75	3	7	
COSW0025	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/29/72-04/30/73	0	8	
COSW0033	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	13	117	
COSW0034	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	0	4	
COSW0037	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	28	284	T,S
COSW0041	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/70-07/21/72	2	16	
COSW0057	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/92-07/15/97	5	15	
COSW0068	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	12	73	
COSW0078	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/92-10/09/92	0	6	
COSW0083	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/25/96-07/15/97	0	9	
COSW0090	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/25/96-06/26/97	0	8	
COSW0091	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0100	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0101	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0114	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0117	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	16	82	
COSW0123	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	29	169	S
COSW0124	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	15	96	
COSW0125	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0126	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0130	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	28	152	S
COSW0133	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	0	5	
COSW0139	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/25/94-07/15/97	3	20	
COSW0142	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/21/72-07/23/73	1	12	
COSW0144	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	13	159	
COSW0149	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	7	61	
COSW0152	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	26	318	T,A,S
COSW0154	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/23/72-07/24/73	1	9	
COSW0156	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-06/08/76	5	53	
COSW0158	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	26	307	T,S
COSW0159	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/08/71-07/13/72	0	5	
COSW0160	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/70-07/21/72	2	19	
COSW0163	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/08/92-07/09/97	5	14	
COSW0164	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	25	105	S
COSW0165	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	16	194	
COSW0166	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	16	196	
COSW0168	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/71-07/23/73	2	21	
COSW0169	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	26	276	S
COSW0170	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/13/72-07/23/73	1	11	
COSW0171	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	28	142	S
COSW0179	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	24	129	
COSW0180	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	27	139	S
COSW0192	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	22	119	
COSW0193	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	22	121	
COSW0054	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	0	3	
COSW0072	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	0	3	
COSW0075	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	0	3	
COSW0081	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	0	3	
COSW0094	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	0	1	
COSW0097	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	0	1	
COSW0127	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	0	1	
COSW0129	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	0	1	
COSW0132	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	0	1	
COSW0134	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0135	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	0	1	
COSW0136	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	0	1	
COSW0143	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	0	1	
COSW0145	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	0	1	
COSW0146	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	0	1	
COSW0147	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	0	1	
COSW0150	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	0	1	
COSW0154	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/10/95-09/19/96	0	13	
COSW0155	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	0	1	
COSW0168	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/27/77-09/04/96	18	21	
COSW0057	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	0	1	
COSW0068	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	0	1	
COSW0083	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	0	1	
COSW0123	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/23/97-07/23/97	0	1	
COSW0130	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/22/97-07/22/97	0	1	
COSW0139	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	0	1	
COSW0144	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/22/97-07/22/97	0	1	
COSW0152	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/22/97-08/19/97	0	2	
COSW0158	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/23/97-07/23/97	0	1	
COSW0163	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/09/97-07/09/97	0	1	
COSW0169	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0171	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0179	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0180	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0192	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0193	No	31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	0	1	
COSW0006	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-11/11/92	9	69	
COSW0010	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-10/03/89	6	44	
COSW0013	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	0	6	
COSW0018	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	8	59	
COSW0033	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	8	60	
COSW0034	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	0	6	
COSW0054	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	0	3	
COSW0072	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	0	3	
COSW0075	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	0	3	
COSW0081	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	0	3	
COSW0094	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	0	1	
COSW0097	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	0	1	
COSW0127	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	0	1	
COSW0128	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	0	1	
COSW0129	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	0	1	
COSW0132	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	0	1	
COSW0134	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	0	1	
COSW0135	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	0	1	
COSW0136	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	0	1	
COSW0143	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	0	1	
COSW0145	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	0	1	
COSW0146	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	0	1	
COSW0147	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	0	1	
COSW0150	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	0	1	
COSW0154	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/10/95-09/19/96	0	12	
COSW0155	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	0	1	
COSW0168	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/27/77-09/04/96	18	20	
COSW0019	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0154	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0094	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	32104	BROMOFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	32104	BROMOFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	32104	BROMOFORM,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	32104	BROMOFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0097	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	32106	CHLOROFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	32106	CHLOROFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	32106	CHLOROFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	8	10	
COSW0006	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	0	1	
COSW0010	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	5	62	
COSW0018	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	0	1	
COSW0022	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/26/81-08/26/81	0	1	
COSW0033	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	0	1	
COSW0037	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/26/81-04/23/91	9	2	
COSW0038	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	1	97	
COSW0044	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-01/29/97	0	24	
COSW0045	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/21/96-02/13/97	0	64	
COSW0050	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	1	97	
COSW0053	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/31/96-03/10/97	1	112	
COSW0058	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	1	98	
COSW0063	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/29/96-01/29/97	0	24	
COSW0064	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/15/96-03/10/97	1	104	
COSW0067	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/30/96-03/10/97	1	116	
COSW0070	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/14/96-03/10/97	1	108	
COSW0073	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/15/96-03/10/97	1	104	
COSW0079	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/31/96-03/10/97	1	113	
COSW0088	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	1	98	
COSW0186	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0189	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0190	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0191	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0194	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0195	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	0	1	
COSW0023	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/29/89-03/19/91	1	103	
COSW0028	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/29/89-03/19/91	1	102	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0024	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/30/89-03/19/91	1	103	
COSW0039	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/30/89-03/19/91	1	102	
COSW0019	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	13	141	
COSW0037	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/04/88-10/04/88	0	1	
COSW0019	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/90-03/27/97	6	8	
COSW0037	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/89-03/27/97	7	8	
COSW0094	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0100	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	0	1	
COSW0126	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	0	1	
COSW0127	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0144	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/05/89-03/25/97	7	9	
COSW0145	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/96-02/18/97	0	15	
COSW0155	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0158	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/09/94-08/09/94	0	1	
COSW0165	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	8	10	
COSW0166	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	8	10	
COSW0019	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/90-03/27/97	6	8	
COSW0037	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/89-03/27/97	7	8	
COSW0094	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0100	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	0	1	
COSW0126	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	0	1	
COSW0127	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0144	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/05/89-03/25/97	7	9	
COSW0145	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/96-02/18/97	0	15	
COSW0155	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	0	1	
COSW0158	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/09/94-08/09/94	0	1	
COSW0165	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	8	10	
COSW0166	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	8	10	
COSW0019	No	34200	ACENAPHTHYLENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34200	ACENAPHTHYLENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34200	ACENAPHTHYLENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34200	ACENAPHTHYLENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34200	ACENAPHTHYLENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34204	ACENAPHTHYLENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34204	ACENAPHTHYLENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34205	ACENAPHTHENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34205	ACENAPHTHENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34205	ACENAPHTHENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34205	ACENAPHTHENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34205	ACENAPHTHENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34209	ACENAPHTHENE WET WGT TISMG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34209	ACENAPHTHENE WET WGT TISMG/KG	10/21/86-10/22/86	0	3	
COSW0094	No	34210	ACROLEIN TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34210	ACROLEIN TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34210	ACROLEIN TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34210	ACROLEIN TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34210	ACROLEIN TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34210	ACROLEIN TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0145	No	34210	ACROLEIN TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34210	ACROLEIN TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34210	ACROLEIN TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34210	ACROLEIN TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34210	ACROLEIN TOTWUG/L	04/19/96-02/18/97	0	13	
COSW0155	No	34210	ACROLEIN TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0094	No	34215	ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34215	ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34215	ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34215	ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34215	ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34215	ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0145	No	34215	ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34215	ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34215	ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34215	ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34215	ACRYLONITRILE TOTWUG/L	04/19/96-02/18/97	0	13	
COSW0155	No	34215	ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0019	No	34220	ANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34220	ANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34220	ANTHRACENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34220	ANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34220	ANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34223	ANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34224	ANTHRACENE WET WGT TISMG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34224	ANTHRACENE WET WGT TISMG/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34230	BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34230	BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34230	BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34230	BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34230	BENZO(B)FLUORANTHENE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34234	BENZO(B)FLUORANTHENE, TISSUE, WET WGT, MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34234	BENZO(B)FLUORANTHENE, TISSUE, WET WGT, MG/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34237	BENZENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34237	BENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34237	BENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34237	BENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34237	BENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34238	BENZENE WET WGT TISMG/KG	11/09/87-11/09/87	0	1	
COSW0002	No	34241	BENZIDINE WET WGT TISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	05/19/88-03/11/97	8	9	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0019	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34247	BENZO-A-PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34247	BENZO-A-PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34247	BENZO-A-PYRENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34247	BENZO-A-PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34247	BENZO-A-PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34251	BENZO-A-PYRENE WET WGT TISMKG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34251	BENZO-A-PYRENE WET WGT TISMKG/KG	10/21/86-10/22/86	0	3	
COSW0054	No	34253	A-BHC-ALPHA DISSUG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	34253	A-BHC-ALPHA DISSUG/L	03/26/96-12/16/96	0	4	
COSW0075	No	34253	A-BHC-ALPHA DISSUG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	34253	A-BHC-ALPHA DISSUG/L	03/27/96-12/16/96	0	4	
COSW0094	No	34253	A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34253	A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34253	A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34253	A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34253	A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34253	A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	0	1	
COSW0145	No	34253	A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34253	A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34253	A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34253	A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34253	A-BHC-ALPHA DISSUG/L	02/05/96-02/18/97	1	43	
COSW0155	No	34253	A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	0	1	
COSW0168	No	34253	A-BHC-ALPHA DISSUG/L	02/07/96-09/04/96	0	3	
COSW0019	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	11/25/85-02/22/96	10	10	
COSW0037	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	11/23/83-02/22/96	12	12	
COSW0100	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	11/08/85-02/28/96	10	10	
COSW0166	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	11/08/85-02/28/96	10	11	
COSW0174	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	02/12/85-02/12/85	0	1	
COSW0042	No	34258	B-BHC-BETA WET WGT TISMKG/KG	06/15/75-06/15/75	0	2	
COSW0019	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/23/95-03/27/97	2	3	
COSW0037	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/23/95-03/27/97	2	3	
COSW0144	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/95-03/25/97	1	3	
COSW0165	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/11/97	2	3	
COSW0166	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/11/97	2	3	
COSW0169	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/12/97	2	3	
COSW0019	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGT TISMKG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	05/19/88-03/11/97	8	9	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34290	BROMOFORM DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34290	BROMOFORM DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34290	BROMOFORM DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34290	BROMOFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34290	BROMOFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34291	BROMOFORM WET WGTTISMG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	7	
COSW0158	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34301	CHLOROBENZENE TOTWUG/L	05/25/90-03/27/97	6	11	
COSW0037	No	34301	CHLOROBENZENE TOTWUG/L	05/25/89-03/27/97	7	12	
COSW0094	No	34301	CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34301	CHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34301	CHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34301	CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34301	CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34301	CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34301	CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34301	CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34301	CHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34301	CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34301	CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34301	CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34301	CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34301	CHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34301	CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34301	CHLOROBENZENE TOTWUG/L	02/19/93-02/21/96	3	5	
COSW0165	No	34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	13	
COSW0166	No	34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	14	
COSW0019	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/06/92	4	4	
COSW0037	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/06/92	4	4	
COSW0158	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/06/92	1	2	
COSW0165	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/13/92	4	4	
COSW0166	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/13/92	4	5	
COSW0002	No	34305	CHLOROBENZENE WET WGTTISMG/KG	11/09/87-11/09/87	0	1	
COSW0002	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34311	CHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34311	CHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34311	CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34311	CHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34311	CHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0127	No	34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34311	CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34311	CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34311	CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34311	CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34311	CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34311	CHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34311	CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34311	CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34311	CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34311	CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34311	CHLOROETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34311	CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34311	CHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34311	CHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34311	CHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34315	CHLOROETHANE WET WGTTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34318	CHLOROFORM DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34318	CHLOROFORM DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34318	CHLOROFORM DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34318	CHLOROFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34318	CHLOROFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34319	CHLOROFORM WET WGTTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34320	CHRYSENE TOTWUG/L	06/10/88-03/27/97	8	8	
COSW0037	No	34320	CHRYSENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34320	CHRYSENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34320	CHRYSENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34320	CHRYSENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34323	CHRYSENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34323	CHRYSENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34323	CHRYSENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34323	CHRYSENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34323	CHRYSENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34324	CHRYSENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34324	CHRYSENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	8	
COSW0037	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34331	DICHLOROBROMOMETHANE WET WGTTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34336	DIETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34336	DIETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34336	DIETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0002	No	34340	DIETHYL PHTHALATE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34341	DIMETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34341	DIMETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34345	DIMETHYL PHTHALATE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/10/88-03/27/97	8	10	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0144	No	34351	ENDOSULFAN SULFATE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0165	No	34351	ENDOSULFAN SULFATE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34351	ENDOSULFAN SULFATE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0169	No	34351	ENDOSULFAN SULFATE TOTWUG/L	03/12/93-03/12/97	4	5	
COSW0019	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34355	ENDOSULFAN SULFATE WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0019	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34356	ENDOSULFAN, BETA TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0165	No	34356	ENDOSULFAN, BETA TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34356	ENDOSULFAN, BETA TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0169	No	34356	ENDOSULFAN, BETA TOTWUG/L	03/12/93-03/12/97	4	5	
COSW0019	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34360	ENDOSULFAN, BETA WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0019	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0165	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0169	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	03/12/93-03/12/97	4	5	
COSW0019	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34365	ENDOSULFAN, ALPHA WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0019	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34366	ENDRIN ALDEHYDE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0165	No	34366	ENDRIN ALDEHYDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34366	ENDRIN ALDEHYDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0169	No	34366	ENDRIN ALDEHYDE TOTWUG/L	03/12/93-03/12/97	4	5	
COSW0019	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0152	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34370	ENDRIN ALDEHYDE WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0019	No	34371	ETHYLBENZENE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34371	ETHYLBENZENE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34371	ETHYLBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34371	ETHYLBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34371	ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34371	ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34371	ETHYLBENZENE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34371	ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34371	ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34371	ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34371	ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34371	ETHYLBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34371	ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34371	ETHYLBENZENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34371	ETHYLBENZENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34371	ETHYLBENZENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34375	ETHYLBENZENE WET WGTTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34376	FLUORANTHENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34376	FLUORANTHENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34376	FLUORANTHENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34376	FLUORANTHENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34376	FLUORANTHENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/21/86-02/28/96	9	9	
COSW0166	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34380	FLUORANTHENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34380	FLUORANTHENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34381	FLUORENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34381	FLUORENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34381	FLUORENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34381	FLUORENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34381	FLUORENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34384	FLUORENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34384	FLUORENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34384	FLUORENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34384	FLUORENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34384	FLUORENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34385	FLUORENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34385	FLUORENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0002	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34396	HEXACHLOROETHANE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34396	HEXACHLOROETHANE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0094	No	34396	HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34396	HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34396	HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34396	HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34396	HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34396	HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34396	HEXACHLOROETHANE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0145	No	34396	HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34396	HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34396	HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34396	HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34396	HEXACHLOROETHANE TOTWUG/L	04/19/96-02/18/97	0	13	
COSW0155	No	34396	HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0165	No	34396	HEXACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34396	HEXACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34408	ISOPHORONE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34408	ISOPHORONE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34408	ISOPHORONE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34408	ISOPHORONE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34408	ISOPHORONE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34411	ISOPHORONE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34411	ISOPHORONE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34411	ISOPHORONE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34411	ISOPHORONE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34411	ISOPHORONE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34412	ISOPHORONE WET WGTTISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34413	METHYL BROMIDE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34413	METHYL BROMIDE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34413	METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34413	METHYL BROMIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34413	METHYL BROMIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34413	METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34413	METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34413	METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34413	METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0143	No	34413	METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34413	METHYL BROMIDE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34413	METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34413	METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34413	METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34413	METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34413	METHYL BROMIDE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34413	METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34413	METHYL BROMIDE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34413	METHYL BROMIDE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34413	METHYL BROMIDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34418	METHYL CHLORIDE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34418	METHYL CHLORIDE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34418	METHYL CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34418	METHYL CHLORIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34418	METHYL CHLORIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34418	METHYL CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34418	METHYL CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34418	METHYL CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34418	METHYL CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34418	METHYL CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34418	METHYL CHLORIDE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34418	METHYL CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34418	METHYL CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34418	METHYL CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34418	METHYL CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34418	METHYL CHLORIDE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34418	METHYL CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34418	METHYL CHLORIDE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34418	METHYL CHLORIDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34418	METHYL CHLORIDE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34423	METHYLENE CHLORIDE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34423	METHYLENE CHLORIDE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34427	METHYLENE CHLORIDE WET WGTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0158	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISM/KG	10/21/86-10/21/86	0	1	
COSW0019	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0166	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34442	N-NITROSODIMETHYLAMINE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34446	NAPHTHALENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34446	NAPHTHALENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34447	NITROBENZENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34447	NITROBENZENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34447	NITROBENZENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34447	NITROBENZENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34447	NITROBENZENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34450	NITROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34450	NITROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34450	NITROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34450	NITROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34450	NITROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34451	NITROBENZENE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0144	No	34451	NITROBENZENE WET WGTTISM/KG	03/04/93-03/04/93	0	1	
COSW0019	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0037	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0158	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0002	No	34456	PARACHLOROMETA CRESOL WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34456	PARACHLOROMETA CRESOL WET WGTTISM/KG	11/16/89-11/16/89	0	1	
COSW0019	No	34461	PHENANTHRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34461	PHENANTHRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34461	PHENANTHRENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34461	PHENANTHRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34461	PHENANTHRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34465	PHENANTHRENE WET WGTTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34465	PHENANTHRENE WET WGTTISM/KG	10/21/86-10/22/86	0	3	
COSW0002	No	34468	PHENOL WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34469	PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34469	PYRENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34469	PYRENE TOTWUG/L	03/08/91-03/25/97	6	7	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	34469	PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34469	PYRENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34472	PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34472	PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34472	PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34472	PYRENE DRY WGTBOTUG/KG	11/21/86-02/28/96	9	9	
COSW0166	No	34472	PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34473	PYRENE WET WGT TISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34473	PYRENE WET WGT TISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34475	TETRACHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34475	TETRACHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34475	TETRACHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34479	TETRACHLOROETHYLENE WET WGT TISM/KG	11/09/87-11/09/87	0	1	
COSW0174	No	34480	THALLIUM DRY WGTBOTUG/KG	02/12/85-02/12/85	0	1	
COSW0019	No	34483	TOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34483	TOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34483	TOLUENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34483	TOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34483	TOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34484	TOLUENE WET WGT TISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0158	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34492	TRICHLOROFLUOROMETHANE WET WGT TISM/GK	11/09/87-11/09/87	0	1	
COSW0165	No	34493	VINYL CHLORIDE DISSUG/L	11/26/90-11/26/90	0	1	
COSW0019	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	7	
COSW0166	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	7	
COSW0094	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34496	1,1-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34496	1,1-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34496	1,1-DICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34496	1,1-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34500	1,1-DICHLOROETHANE WET WGT TISM/GK	11/09/87-11/09/87	0	1	
COSW0019	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34505	1,1-DICHLOROETHYLENE WET WGT TISM/G/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34510	1,1,1-TRICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34515	1,1,2-TRICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0132	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTISM/KG	09/25/86-11/21/88	2	8	
COSW0019	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTISM/KG	10/21/86-10/22/86	0	3	
COSW0019	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0100	No	34531	1,2-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34531	1,2-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0144	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0158	No	34531	1,2-DICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34531	1,2-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34535	1,2-DICHLOROETHANE WET WGTISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34535	1,2-DICHLOROETHANE WET WGTISM/KG	05/25/90-05/25/90	0	1	
COSW0019	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0037	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	11	
COSW0091	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0094	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0143	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	7	10	
COSW0145	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0166	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0019	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	10	
COSW0002	No	34540	1,2-DICHLOROBENZENE WET WGT TISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34545	1,2-DICHLOROPROPANE WET WGT TISM/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/23/87-02/22/95	7	7	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0037	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0094	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/08/91-03/25/97	6	6	
COSW0145	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0165	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0002	No	34555	1,2,4-TRICHLOROBENZENE WET WGT TISM/GK	11/09/87-11/21/88	1	3	
COSW0166	No	34555	1,2,4-TRICHLOROBENZENE WET WGT TISM/GK	02/21/95-02/21/95	0	1	
COSW0019	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGT TISM/GK	11/09/87-11/21/88	1	3	
COSW0019	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0037	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	11	
COSW0094	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	7	10	
COSW0145	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0166	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0019	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	10	
COSW0002	No	34570	1,3-DICHLOROBENZENE WET WGT TISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0037	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	8	11	
COSW0094	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	7	10	
COSW0145	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0166	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	8	11	
COSW0019	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	10	
COSW0002	No	34575	1,4-DICHLOROBENZENE WET WGT TISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/25/89-03/27/97	7	8	
COSW0100	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/11/94-07/11/94	0	1	
COSW0144	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0158	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34580	2-CHLOROETHYL VINYL ETHER WET WGT TISMG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34585	2-CHLORONAPHTHALENE WET WGT TISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34586	2-CHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34586	2-CHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34586	2-CHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34586	2-CHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34586	2-CHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34590	2-CHLOROPHENOL WET WGT TISMG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34591	2-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34591	2-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34591	2-NITROPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34591	2-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	34591	2-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34595	2-NITROPHENOL WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	8	
COSW0037	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/10/88-02/22/96	7	7	
COSW0037	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34600	DI-N-OCTYL PHTHALATE WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34605	2,4-DICHLOROPHENOL WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34610	2,4-DIMETHYLPHENOL WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34611	2,4-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34611	2,4-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34615	2,4-DINITROTOLUENE WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/10/88-03/15/91	2	3	
COSW0037	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/10/88-03/15/91	2	3	
COSW0144	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/08/91-03/08/91	0	1	
COSW0165	No	34616	2,4-DINITROPHENOL TOTWUG/L	05/19/88-03/07/91	2	3	
COSW0166	No	34616	2,4-DINITROPHENOL TOTWUG/L	05/19/88-03/07/91	2	3	
COSW0019	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/06/92	4	4	
COSW0037	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/06/92	4	5	
COSW0158	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/02/90-02/06/92	1	2	
COSW0165	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/11/87-11/26/90	3	3	
COSW0166	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/11/87-11/26/90	3	4	
COSW0002	No	34620	2,4-DINITROPHENOL WET WGTISM/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8	9	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0002	No	34625	2,4,6-TRICHLOROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34626	2,6-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34626	2,6-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34629	2,6-DINITROTOLUENE DRY WGT BOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34630	2,6-DINITROTOLUENE WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34631	3,3'-DICHLOOROBENZIDINE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34634	3,3'-DICHLOOROBENZIDINE DRY WGT BOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34634	3,3'-DICHLOOROBENZIDINE DRY WGT BOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34634	3,3'-DICHLOOROBENZIDINE DRY WGT BOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34634	3,3'-DICHLOOROBENZIDINE DRY WGT BOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34634	3,3'-DICHLOOROBENZIDINE DRY WGT BOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34635	3,3'-DICHLOOROBENZIDINE WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGT BOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0019	No	34646	4-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34646	4-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34646	4-NITROPHENOL TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34646	4-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34646	4-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34649	4-NITROPHENOL DRY WGT BOTUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34649	4-NITROPHENOL DRY WGT BOTUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34649	4-NITROPHENOL DRY WGT BOTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34649	4-NITROPHENOL DRY WGT BOTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34649	4-NITROPHENOL DRY WGT BOTUG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34650	4-NITROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0054	No	34653	P,P'-DDE DISSUG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	34653	P,P'-DDE DISSUG/L	03/26/96-12/16/96	0	4	
COSW0075	No	34653	P,P'-DDE DISSUG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	34653	P,P'-DDE DISSUG/L	03/27/96-12/16/96	0	4	
COSW0094	No	34653	P,P'-DDE DISSUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34653	P,P'-DDE DISSUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34653	P,P'-DDE DISSUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34653	P,P'-DDE DISSUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34653	P,P'-DDE DISSUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34653	P,P'-DDE DISSUG/L	09/18/96-09/18/96	0	1	
COSW0145	No	34653	P,P'-DDE DISSUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34653	P,P'-DDE DISSUG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0147	No	34653	P,P'-DDE DISSUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34653	P,P'-DDE DISSUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34653	P,P'-DDE DISSUG/L	02/05/96-02/18/97	1	43	
COSW0155	No	34653	P,P'-DDE DISSUG/L	09/18/96-09/18/96	0	1	
COSW0168	No	34653	P,P'-DDE DISSUG/L	02/07/96-09/04/96	0	3	
COSW0019	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0144	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0037	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0158	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	0	1	
COSW0002	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0002	No	34664	PCB - 1221 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34664	PCB - 1221 WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34664	PCB - 1221 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34664	PCB - 1221 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34664	PCB - 1221 WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34664	PCB - 1221 WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0002	No	34667	PCB - 1232 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34667	PCB - 1232 WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34667	PCB - 1232 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34667	PCB - 1232 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34667	PCB - 1232 WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34667	PCB - 1232 WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0094	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0145	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0002	No	34669	PCB - 1248 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34669	PCB - 1248 WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34669	PCB - 1248 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34669	PCB - 1248 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34669	PCB - 1248 WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34669	PCB - 1248 WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0002	No	34670	PCB - 1260 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34670	PCB - 1260 WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34670	PCB - 1260 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34670	PCB - 1260 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34670	PCB - 1260 WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34670	PCB - 1260 WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0019	No	34671	PCB - 1016 TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34671	PCB - 1016 TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34671	PCB - 1016 TOTWUG/L	05/05/89-03/25/97	7	9	
COSW0165	No	34671	PCB - 1016 TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34671	PCB - 1016 TOTWUG/L	05/19/88-03/11/97	8	10	
COSW0169	No	34671	PCB - 1016 TOTWUG/L	03/12/93-03/12/97	4	5	
COSW0002	No	34674	PCB - 1016 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34674	PCB - 1016 WET WGTTISM/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34674	PCB - 1016 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34674	PCB - 1016 WET WGTTISM/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34674	PCB - 1016 WET WGTTISM/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34674	PCB - 1016 WET WGTTISM/KG	12/19/86-12/19/86	0	2	
COSW0042	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/15/75-06/15/75	0	2	
COSW0002	No	34683	DI-N-BUTYL PHTHALATE, TISSUE, WET WGTWET WGT	11/09/87-11/21/88	1	3	
COSW0042	No	34685	ENDRIN WET WGTTISM/KG	06/15/75-06/15/75	0	2	
COSW0002	No	34688	HEXACHLORO BENZENE WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0002	No	34689	PCB - 1242 WET WGTTISM/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34689	PCB - 1242 WET WGTTISM/KG	10/25/88-06/16/94	5	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0130	No	34689	PCB - 1242 WET WGT TISM/G/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34689	PCB - 1242 WET WGT TISM/G/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34689	PCB - 1242 WET WGT TISM/G/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34689	PCB - 1242 WET WGT TISM/G/KG	12/19/86-12/19/86	0	2	
COSW0002	No	34690	PCB - 1254 WET WGT TISM/G/KG	11/09/87-11/21/88	1	3	
COSW0037	No	34690	PCB - 1254 WET WGT TISM/G/KG	10/25/88-06/16/94	5	3	
COSW0130	No	34690	PCB - 1254 WET WGT TISM/G/KG	06/01/94-06/01/94	0	2	
COSW0144	No	34690	PCB - 1254 WET WGT TISM/G/KG	06/01/94-06/01/94	0	2	
COSW0158	No	34690	PCB - 1254 WET WGT TISM/G/KG	06/02/94-06/03/94	0	4	
COSW0164	No	34690	PCB - 1254 WET WGT TISM/G/KG	12/19/86-12/19/86	0	2	
COSW0002	No	34692	TRICHLOROETHYLENE WET WGT TISM/G/KG	11/09/87-11/09/87	0	1	
COSW0002	No	34693	VINYL CHLORIDE WET WGT TISM/G/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/10/88-03/27/97	8	10	
COSW0144	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0165	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGT TUG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	34696	NAPHTHALENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0037	No	34696	NAPHTHALENE TOTWUG/L	06/10/88-03/27/97	8	9	
COSW0094	No	34696	NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0127	No	34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34696	NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34696	NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34696	NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34696	NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34696	NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34696	NAPHTHALENE TOTWUG/L	03/08/91-03/25/97	6	7	
COSW0145	No	34696	NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34696	NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34696	NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34696	NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34696	NAPHTHALENE TOTWUG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34696	NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	0	1	
COSW0165	No	34696	NAPHTHALENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0166	No	34696	NAPHTHALENE TOTWUG/L	05/19/88-03/11/97	8	9	
COSW0019	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/19/88-03/11/97	8	10	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/09/87-11/09/87	0	1	
COSW0019	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/88-03/11/97	8	10	
COSW0054	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	07/18/96-07/18/96	0	1	
COSW0054	No	34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34805	BARIUM, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34880	IRON,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34930	NIObIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	34985	TIN,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0054	No	35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0054	No	35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	0	1	
COSW0160	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/21/70-10/21/70	0	1	
COSW0054	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38478	LINURON WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38482	MCPA WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38487	MCPB WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38501	METHIOCARB WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38538	PROPOXUR WATER,DISSUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38711	BENTAZON WATER, DISUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38746	2,4-DB WATER, DISUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38811	FLUOMETURON WATER, DISUG/L	04/01/96-01/21/97	0	33	
COSW0054	No	38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0072	Yes	38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0075	No	38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0081	Yes	38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	0	1	
COSW0154	No	38866	OXAMYL WATER, DISUG/L	04/01/96-01/21/97	0	32	
COSW0054	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	38933	CHLORPYRIFOS,DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	02/05/96-02/18/97	1	43	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0155	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	02/07/96-09/04/96	0	3	
COSW0019	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	9	
COSW0002	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/09/87-11/21/88	1	3	
COSW0002	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/25/86-11/21/88	2	8	
COSW0019	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	07/06/83-10/22/86	3	17	
COSW0037	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-06/16/94	13	30	
COSW0042	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/15/75-06/15/75	0	2	
COSW0130	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/01/94-06/01/94	0	2	
COSW0144	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/01/94-06/01/94	0	2	
COSW0158	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/02/94-06/03/94	0	4	
COSW0164	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-12/19/86	6	19	
COSW0019	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/25/85-02/22/96	10	10	
COSW0037	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/23/83-02/22/96	12	12	
COSW0100	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	0	1	
COSW0114	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	0	1	
COSW0126	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	0	1	
COSW0152	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	0	1	
COSW0158	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/02/90-02/21/96	5	6	
COSW0165	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/08/85-02/28/96	10	9	
COSW0166	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/08/85-02/28/96	10	11	
COSW0174	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	02/12/85-02/12/85	0	1	
COSW0054	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	01/18/96-12/16/96	0	5	
COSW0075	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	01/18/96-12/16/96	0	5	
COSW0081	Yes	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	01/18/96-12/16/96	0	5	
COSW0094	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/17/96-09/17/96	0	1	
COSW0097	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/16/96-09/16/96	0	1	
COSW0127	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/16/96-09/16/96	0	1	
COSW0128	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/17/96-09/17/96	0	1	
COSW0129	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/16/96-09/16/96	0	1	
COSW0132	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/16/96-09/16/96	0	1	
COSW0134	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/17/96-09/17/96	0	1	
COSW0135	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/18/96-09/18/96	0	1	
COSW0136	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/17/96-09/17/96	0	1	
COSW0143	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/18/96-09/18/96	0	1	
COSW0145	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/19/96-09/19/96	0	1	
COSW0146	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/18/96-09/18/96	0	1	
COSW0147	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/19/96-09/19/96	0	1	
COSW0150	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/19/96-09/19/96	0	1	
COSW0154	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	10/10/95-03/03/97	1	54	
COSW0155	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	09/18/96-09/18/96	0	1	
COSW0168	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	10/23/95-03/10/97	1	20	
COSW0002	No	39099	BIS(2-ETHYLHEXYL) PHTHALATE, TISSUE, WET WGT, MG/KG	11/09/87-11/21/88	1	3	
COSW0019	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0019	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	8	9	
COSW0144	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	05/19/88-03/11/97	8	9	
COSW0019	No	39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/15/91	2	3	
COSW0037	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/15/91	2	4	
COSW0144	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/08/91-03/08/91	0	1	
COSW0165	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/07/91	2	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0166	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/07/91	2	3	
COSW0019	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/23/87-02/06/92	4	4	
COSW0037	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/23/87-02/06/92	4	5	
COSW0158	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/02/90-02/06/92	1	2	
COSW0165	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/11/87-11/26/90	3	3	
COSW0166	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/11/87-11/26/90	3	4	
COSW0019	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	8	10	
COSW0019	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/25/90-03/27/97	6	8	
COSW0037	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/25/89-03/27/97	7	8	
COSW0094	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0100	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	0	1	
COSW0126	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	0	1	
COSW0127	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0144	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/05/89-03/25/97	7	9	
COSW0145	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	0	1	
COSW0158	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/09/94-08/09/94	0	1	
COSW0165	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	8	10	
COSW0174	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0042	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	06/15/74-06/15/75	1	6	
COSW0014	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	19	
COSW0144	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	13	
COSW0166	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0169	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0149	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1	3	
COSW0037	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	5	3	
COSW0130	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0144	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0158	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	0	4	
COSW0164	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	0	2	
COSW0014	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	15	
COSW0144	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	10	
COSW0166	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	11	
COSW0169	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	10	
COSW0029	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	18	17	
COSW0100	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13	12	
COSW0166	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13	13	
COSW0174	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1	3	
COSW0037	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	5	2	
COSW0130	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0144	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0158	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	0	4	
COSW0164	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	0	2	
COSW0014	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	19	
COSW0144	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	13	
COSW0166	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0169	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1	3	
COSW0037	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	5	3	
COSW0130	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0144	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0158	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	0	4	
COSW0164	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	0	2	
COSW0014	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	15	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0144	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	10	
COSW0166	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	11	
COSW0169	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	10	
COSW0029	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	18	16	
COSW0100	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13	12	
COSW0166	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13	13	
COSW0174	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0037	No	39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	06/26/81-07/07/82	1	8	
COSW0164	No	39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	07/21/82-07/21/82	0	4	
COSW0014	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	19	
COSW0144	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	13	
COSW0166	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0169	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	11/09/87-11/21/88	1	3	
COSW0037	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/25/88-06/16/94	5	3	
COSW0130	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/19/86-12/19/86	0	2	
COSW0002	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1	3	
COSW0037	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	5	3	
COSW0130	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0144	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	0	2	
COSW0158	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	0	4	
COSW0164	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	0	2	
COSW0014	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/76-03/04/94	17	14	
COSW0144	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0165	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	10	
COSW0166	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	11	
COSW0169	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0019	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	10	
COSW0037	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/23/83-02/22/95	11	12	
COSW0100	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0152	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/84-02/14/94	9	9	
COSW0166	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/84-02/14/94	9	10	
COSW0174	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0014	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0144	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/22/94-03/22/94	0	1	
COSW0149	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	13	30	
COSW0130	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0144	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0158	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/02/94-06/03/94	0	4	
COSW0164	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-12/19/86	6	19	
COSW0019	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	13	14	
COSW0037	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	20	18	
COSW0144	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	13	12	
COSW0165	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	16	15	
COSW0166	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	16	15	
COSW0169	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/12/93-03/12/97	4	5	
COSW0014	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/75-08/17/76	0	4	
COSW0019	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	13	14	
COSW0032	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/75-08/17/76	0	4	
COSW0037	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	20	18	
COSW0144	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	13	13	
COSW0165	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	16	14	
COSW0166	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	16	15	
COSW0169	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/12/93-03/12/97	4	5	
COSW0014	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/09/75-08/17/76	0	4	
COSW0032	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/09/75-08/17/76	0	4	
COSW0037	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/21/75-08/21/75	0	1	
COSW0149	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/07/75-11/07/75	0	1	
COSW0054	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	02/07/96-09/04/96	0	3	
COSW0012	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/10/75-08/17/76	0	4	
COSW0029	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/10/75-08/17/76	0	4	
COSW0149	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/07/75-11/07/75	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0002	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	07/06/83-10/22/86	3	17	
COSW0037	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-06/16/94	13	30	
COSW0130	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-12/19/86	6	19	
COSW0019	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/30/87-03/27/97	9	10	
COSW0037	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/30/87-03/27/97	9	11	
COSW0144	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/87-03/11/97	9	11	
COSW0166	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/87-03/11/97	9	11	
COSW0169	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/81-02/28/96	14	10	
COSW0166	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/81-02/28/96	14	11	
COSW0019	No	39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	0	1	
COSW0037	No	39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	0	1	
COSW0165	No	39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	0	1	
COSW0166	No	39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	0	1	
COSW0002	No	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	11	36	
COSW0164	No	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	9	27	
COSW0002	No	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	11	36	
COSW0164	No	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	9	27	
COSW0002	No	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	11	36	
COSW0164	No	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	9	27	
COSW0002	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/77-10/25/88	11	36	
COSW0164	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/24/77-12/19/86	9	27	
COSW0014	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0054	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0072	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0075	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0081	Yes	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0094	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0150	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	1	43	
COSW0155	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0168	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	0	3	
COSW0012	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0019	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	12	12	
COSW0029	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	0	4	
COSW0037	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	19	19	
COSW0100	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0114	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0126	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0149	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/07/75-11/07/75	0	1	
COSW0152	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0158	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/02/90-02/21/96	5	7	
COSW0165	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15	14	
COSW0166	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15	15	
COSW0174	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/12/85-02/12/85	0	1	
COSW0002	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/25/86-11/21/88	2	8	
COSW0019	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	07/06/83-10/22/86	3	17	
COSW0037	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/23/77-06/16/94	17	34	
COSW0130	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	0	2	
COSW0144	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	0	2	
COSW0158	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/02/94-06/03/94	0	4	
COSW0164	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/24/77-12/19/86	9	23	
COSW0014	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-06/16/94	17	34	
COSW0130	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0144	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0158	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/02/94-06/03/94	0	4	
COSW0164	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-12/19/86	6	19	
COSW0014	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0014	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	

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**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0032	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	0	4	
COSW0019	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	12	12	
COSW0029	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	0	4	
COSW0037	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	19	19	
COSW0100	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0114	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0126	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0149	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/07/75-11/07/75	0	1	
COSW0152	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0158	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/02/90-02/21/96	5	7	
COSW0165	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15	14	
COSW0166	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15	15	
COSW0174	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/12/85-02/12/85	0	1	
COSW0042	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/15/74-06/15/75	1	4	
COSW0002	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/25/86-11/21/88	2	8	
COSW0019	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	07/06/83-10/22/86	3	17	
COSW0037	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/22/80-06/16/94	13	30	
COSW0042	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/15/75-06/15/75	0	2	
COSW0130	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0144	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/01/94-06/01/94	0	2	
COSW0158	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/02/94-06/03/94	0	4	
COSW0164	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/22/80-12/19/86	6	19	
COSW0014	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	19	17	
COSW0100	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/25/86-11/21/88	2	8	
COSW0019	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/10/85-10/22/86	1	7	
COSW0037	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	07/07/82-06/16/94	11	15	
COSW0130	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	0	2	
COSW0144	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	0	2	
COSW0158	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/02/94-06/03/94	0	4	
COSW0164	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/26/81-12/19/86	5	15	
COSW0054	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	

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**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0145	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	02/07/96-09/04/96	0	3	
COSW0014	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/10/75-08/17/76	0	4	
COSW0019	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/12/83-02/22/96	12	12	
COSW0029	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/10/75-08/17/76	0	4	
COSW0037	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/01/76-02/22/96	19	17	
COSW0100	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0114	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0126	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0149	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/07/75-11/07/75	0	1	
COSW0152	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0158	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/02/90-02/21/96	5	7	
COSW0165	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/05/80-02/28/96	15	14	
COSW0166	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/05/80-02/28/96	15	15	
COSW0174	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/12/85-02/12/85	0	1	
COSW0002	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	09/25/86-11/21/88	2	8	
COSW0019	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/10/85-10/22/86	1	7	
COSW0037	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	07/07/82-06/16/94	11	15	
COSW0130	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/01/94-06/01/94	0	2	
COSW0144	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/01/94-06/01/94	0	2	
COSW0158	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/02/94-06/03/94	0	4	
COSW0164	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/26/81-12/19/86	5	15	
COSW0019	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0037	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/06/80-03/04/94	13	13	
COSW0144	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0165	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	12	
COSW0166	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	13	12	
COSW0169	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0019	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/12/83-02/04/94	10	10	
COSW0037	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/18/77-02/22/95	17	16	
COSW0100	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0114	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0126	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0152	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	0	1	
COSW0158	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/02/90-12/05/94	4	5	
COSW0164	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/05/80-11/05/80	0	1	
COSW0165	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/05/80-02/14/94	13	12	
COSW0166	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/10/81-02/14/94	12	12	
COSW0002	No	39482	METHOXYCHLOR IN FISH - UG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	39482	METHOXYCHLOR IN FISH - UG/KG	07/06/83-10/22/86	3	17	
COSW0037	No	39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-06/16/94	13	30	
COSW0130	No	39482	METHOXYCHLOR IN FISH - UG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	39482	METHOXYCHLOR IN FISH - UG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	39482	METHOXYCHLOR IN FISH - UG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-12/19/86	6	19	
COSW0019	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/23/87-02/04/94	6	6	
COSW0037	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/23/87-02/22/95	7	8	
COSW0100	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/02/90-12/05/94	4	5	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/11/87-02/14/94	6	6	
COSW0166	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/11/87-02/26/93	5	6	
COSW0019	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8	10	
COSW0019	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	10	
COSW0019	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	10	
COSW0019	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	7	9	
COSW0165	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0166	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	10	
COSW0169	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	4	5	
COSW0019	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0126	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8	10	
COSW0019	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/23/87-02/22/96	8	9	
COSW0100	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/02/90-02/21/96	5	7	
COSW0165	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/11/87-02/28/96	8	10	
COSW0002	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/06/83-10/22/86	3	17	
COSW0037	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/77-10/25/88	11	32	
COSW0164	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/24/77-12/19/86	9	23	
COSW0019	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/30/87	3	5	
COSW0037	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/76-03/30/87	10	9	
COSW0144	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/27/84-07/01/86	2	4	
COSW0165	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/13/87	6	5	
COSW0166	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/13/87	6	5	
COSW0019	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-11/24/86	2	4	
COSW0037	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-11/24/86	10	8	
COSW0165	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-11/21/86	6	6	
COSW0166	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-11/21/86	6	6	
COSW0174	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0014	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0054	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0072	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0075	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0081	Yes	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0094	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	1	40	
COSW0155	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0168	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	0	3	
COSW0002	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0019	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0014	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0054	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0072	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0075	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0081	Yes	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0094	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	1	42	
COSW0155	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0168	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	0	3	
COSW0014	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0054	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0072	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	0	4	
COSW0075	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0081	Yes	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	0	4	
COSW0094	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	1	43	
COSW0155	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	0	1	
COSW0168	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	0	3	
COSW0014	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0019	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	0	1	
COSW0037	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	0	1	
COSW0165	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	0	1	
COSW0166	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	0	1	
COSW0014	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0054	No	39632	ATRAZINE DISSOLVED IN WATER PPB	03/26/96-12/16/96	0	4	
COSW0072	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	03/26/96-12/16/96	0	4	
COSW0075	No	39632	ATRAZINE DISSOLVED IN WATER PPB	03/27/96-12/16/96	0	4	
COSW0081	Yes	39632	ATRAZINE DISSOLVED IN WATER PPB	03/27/96-12/16/96	0	4	
COSW0094	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	0	1	
COSW0097	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	0	1	
COSW0127	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	0	1	
COSW0128	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	0	1	
COSW0129	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	0	1	
COSW0132	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	0	1	
COSW0134	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	0	1	
COSW0135	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	0	1	
COSW0136	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	0	1	
COSW0143	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	0	1	
COSW0145	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	0	1	
COSW0146	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	0	1	
COSW0147	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0150	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	0	1	
COSW0154	No	39632	ATRAZINE DISSOLVED IN WATER PPB	02/05/96-02/18/97	1	43	
COSW0155	No	39632	ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	0	1	
COSW0168	No	39632	ATRAZINE DISSOLVED IN WATER PPB	02/07/96-09/04/96	0	3	
COSW0019	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/27/97	8	10	
COSW0037	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/27/97	8	11	
COSW0144	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	05/05/89-03/25/97	7	9	
COSW0165	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/11/97	8	10	
COSW0166	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/11/97	8	10	
COSW0169	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0019	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/23/87-02/22/96	8	8	
COSW0037	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/23/87-02/22/96	8	9	
COSW0100	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0152	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/11/87-02/28/96	8	8	
COSW0166	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/11/87-02/28/96	8	9	
COSW0094	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	02/22/96-10/22/97	0	15	
COSW0155	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	0	1	
COSW0002	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/25/86-11/21/88	2	8	
COSW0019	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	07/06/83-10/22/86	3	17	
COSW0037	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-06/16/94	13	30	
COSW0130	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	06/01/94-06/01/94	0	2	
COSW0144	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	06/01/94-06/01/94	0	2	
COSW0158	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	06/02/94-06/03/94	0	4	
COSW0164	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-12/19/86	6	19	
COSW0019	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/23/87-02/22/96	8	8	
COSW0037	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/23/87-02/22/96	8	9	
COSW0158	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/02/90-02/21/96	5	6	
COSW0165	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/11/87-02/28/96	8	8	
COSW0166	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/11/87-02/28/96	8	9	
COSW0019	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0144	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0054	No	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0072	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0075	No	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0081	Yes	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0154	No	39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	0	33	
COSW0019	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0144	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0054	No	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0072	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0075	No	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0081	Yes	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0154	No	39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	0	33	
COSW0019	No	39755	MIREX, TOTAL (UG/L)	03/30/87-03/04/94	6	7	
COSW0037	No	39755	MIREX, TOTAL (UG/L)	03/30/87-03/04/94	6	8	
COSW0144	No	39755	MIREX, TOTAL (UG/L)	05/05/89-03/22/94	4	6	
COSW0165	No	39755	MIREX, TOTAL (UG/L)	03/13/87-03/22/94	7	8	
COSW0166	No	39755	MIREX, TOTAL (UG/L)	03/13/87-03/22/94	7	8	
COSW0169	No	39755	MIREX, TOTAL (UG/L)	03/12/93-03/22/94	1	2	
COSW0019	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/23/87-02/04/94	6	6	
COSW0037	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/23/87-02/22/95	7	7	
COSW0100	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0152	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	7	
COSW0019	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0144	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	0	1	
COSW0054	No	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0072	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0075	No	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0081	Yes	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	0	1	
COSW0154	No	39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	0	33	
COSW0014	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	13	14	
COSW0032	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	21	20	
COSW0144	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13	13	
COSW0149	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	14	
COSW0166	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	16	15	
COSW0169	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	4	5	
COSW0012	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12	12	
COSW0029	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19	19	
COSW0100	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	5	7	
COSW0165	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	14	
COSW0166	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15	15	
COSW0174	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	07/06/83-10/22/86	3	17	
COSW0037	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-06/16/94	13	30	
COSW0130	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-12/19/86	6	19	
COSW0042	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/15/75-06/15/75	0	2	
COSW0014	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0019	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	10	11	
COSW0032	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	0	4	
COSW0037	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	18	13	
COSW0144	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10	10	
COSW0149	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	0	1	
COSW0165	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0166	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	8	9	
COSW0169	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	1	2	
COSW0012	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0019	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10	7	
COSW0029	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	0	4	
COSW0037	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	18	10	
COSW0100	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0114	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0126	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0149	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	0	1	
COSW0152	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	0	1	
COSW0158	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	4	5	
COSW0165	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	6	
COSW0166	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6	5	
COSW0174	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	0	1	
COSW0002	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	09/25/86-11/21/88	2	8	
COSW0019	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/25/85-11/24/86	0	6	
COSW0037	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/25/85-11/24/86	0	3	
COSW0165	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/08/85-03/13/87	1	2	
COSW0166	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/08/85-03/13/87	1	3	
COSW0002	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	09/25/86-11/21/88	2	8	
COSW0019	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	12/14/84-11/24/86	1	7	
COSW0037	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/25/85-11/24/86	0	3	
COSW0144	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	12/14/84-12/14/84	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0165	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/08/85-03/13/87	1	3	
COSW0166	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/08/85-03/13/87	1	2	
COSW0002	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	11/09/87-11/21/88	1	3	
COSW0037	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	10/25/88-06/16/94	5	3	
COSW0130	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0002	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0002	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0054	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	02/07/96-09/04/96	0	3	
COSW0130	No	46501	PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	0	2	
COSW0149	No	46501	PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	0	2	
COSW0152	No	46501	PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	0	2	
COSW0130	No	46502	ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	0	2	
COSW0149	No	46502	ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	0	2	
COSW0152	No	46502	ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	0	2	
COSW0024	No	46529	PRECIPITATION (INCHES)	03/22/89-03/16/91	1	312	
COSW0039	No	46529	PRECIPITATION (INCHES)	03/22/89-03/16/91	1	312	
COSW0054	No	49235	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49235	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49235	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49235	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49235	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49236	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49236	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49236	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49236	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49236	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49260	INVALID PARAMETER	03/26/96-12/16/96	0	4	
COSW0072	Yes	49260	INVALID PARAMETER	03/26/96-12/16/96	0	4	
COSW0075	No	49260	INVALID PARAMETER	03/27/96-12/16/96	0	4	
COSW0081	Yes	49260	INVALID PARAMETER	03/27/96-12/16/96	0	4	
COSW0094	No	49260	INVALID PARAMETER	09/17/96-09/17/96	0	1	
COSW0097	No	49260	INVALID PARAMETER	09/16/96-09/16/96	0	1	
COSW0127	No	49260	INVALID PARAMETER	09/16/96-09/16/96	0	1	
COSW0128	No	49260	INVALID PARAMETER	09/17/96-09/17/96	0	1	
COSW0129	No	49260	INVALID PARAMETER	09/16/96-09/16/96	0	1	
COSW0132	No	49260	INVALID PARAMETER	09/16/96-09/16/96	0	1	
COSW0134	No	49260	INVALID PARAMETER	09/17/96-09/17/96	0	1	
COSW0135	No	49260	INVALID PARAMETER	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0136	No	49260	INVALID PARAMETER	09/17/96-09/17/96	0	1	
COSW0143	No	49260	INVALID PARAMETER	09/18/96-09/18/96	0	1	
COSW0145	No	49260	INVALID PARAMETER	09/19/96-09/19/96	0	1	
COSW0146	No	49260	INVALID PARAMETER	09/18/96-09/18/96	0	1	
COSW0147	No	49260	INVALID PARAMETER	09/19/96-09/19/96	0	1	
COSW0150	No	49260	INVALID PARAMETER	09/19/96-09/19/96	0	1	
COSW0154	No	49260	INVALID PARAMETER	02/05/96-02/18/97	1	43	
COSW0155	No	49260	INVALID PARAMETER	09/18/96-09/18/96	0	1	
COSW0168	No	49260	INVALID PARAMETER	02/07/96-09/04/96	0	3	
COSW0054	No	49266	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49267	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49269	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49270	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49271	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49272	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49274	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49275	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49276	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49277	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49278	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49279	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49280	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49291	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49291	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49291	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49291	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49291	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49292	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49292	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49292	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49292	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49292	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49293	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49293	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49293	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49293	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49293	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49294	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49294	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49294	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49294	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49294	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49295	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49295	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49295	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49295	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49295	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49296	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49296	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49296	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49296	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49296	INVALID PARAMETER	04/01/96-01/21/97	0	32	
COSW0054	No	49297	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49297	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49297	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49297	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49297	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49298	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49298	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49298	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49298	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49298	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49299	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49299	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49299	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49299	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49299	INVALID PARAMETER	04/01/96-01/21/97	0	33	
COSW0054	No	49300	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0072	Yes	49300	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0075	No	49300	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0081	Yes	49300	INVALID PARAMETER	12/16/96-12/16/96	0	1	
COSW0154	No	49300	INVALID PARAMETER	04/01/96-01/21/97	0	33	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

[illegible]

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

[illegible]

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0054	No	49433	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49434	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49435	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49436	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49437	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49438	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49439	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49441	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49442	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49443	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49444	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49446	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49449	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49450	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49451	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49452	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49454	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49455	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49458	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49459	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49460	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49461	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49466	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49467	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49468	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0054	No	49490	INVALID PARAMETER	07/18/96-07/18/96	0	1	
COSW0152	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/18/73-07/18/73	0	1	
COSW0165	No	50086	SETTLEABLE MATTER (ML/L/HR)	08/19/82-01/27/84	1	2	
COSW0166	No	50086	SETTLEABLE MATTER (ML/L/HR)	08/19/82-01/27/84	1	2	
COSW0168	No	60050	ALGAE, TOTAL (CELLS/ML)	03/17/78-08/15/78	0	4	
COSW0001	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/08/89	1	12	
COSW0003	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	1	12	
COSW0004	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/08/89	1	13	
COSW0007	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/07/89	0	13	
COSW0008	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	1	13	
COSW0016	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	1	13	
COSW0020	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/04/88-03/07/89	0	12	
COSW0027	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	1	13	
COSW0028	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	1	13	
COSW0054	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/96-12/16/96	0	5	
COSW0075	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/96-12/16/96	0	5	
COSW0081	Yes	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/96-12/16/96	0	5	
COSW0094	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/17/96-09/17/96	0	1	
COSW0097	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/16/96-09/16/96	0	1	
COSW0127	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/16/96-09/16/96	0	1	
COSW0128	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/17/96-09/17/96	0	1	
COSW0129	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/16/96-09/16/96	0	1	
COSW0132	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/16/96-09/16/96	0	1	
COSW0134	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/17/96-09/17/96	0	1	
COSW0135	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/18/96-09/18/96	0	1	
COSW0136	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/17/96-09/17/96	0	1	
COSW0143	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/18/96-09/18/96	0	1	
COSW0145	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/19/96-09/19/96	0	1	
COSW0146	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/18/96-09/18/96	0	1	
COSW0147	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/19/96-09/19/96	0	1	
COSW0150	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/19/96-09/19/96	0	1	
COSW0154	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/10/95-03/03/97	1	54	
COSW0155	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/18/96-09/18/96	0	1	
COSW0160	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/21/70-10/21/70	0	1	
COSW0168	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/54-03/10/97	42	71	S
COSW0170	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/17/57-05/12/61	3	5	
COSW0025	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/07/74-11/07/74	0	1	
COSW0168	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/27/77-09/19/78	0	10	
COSW0160	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/70-10/21/70	0	1	
COSW0168	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/28/59-09/19/78	18	33	
COSW0025	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/07/74-11/07/74	0	1	
COSW0160	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/70-10/21/70	0	1	
COSW0168	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/59-09/19/78	18	34	
COSW0024	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	03/22/89-03/16/91	1	312	
COSW0039	No	70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	03/22/89-03/16/91	1	312	
COSW0019	No	70310	PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0037	No	70310	PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	0	1	
COSW0019	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/22/95-02/22/96	1	2	
COSW0037	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	11/01/76-02/22/96	19	4	
COSW0158	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/23/95-02/21/96	0	2	
COSW0165	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/21/95-02/28/96	1	2	
COSW0166	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/28/96-02/28/96	0	1	
COSW0019	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/12/83-02/22/96	12	13	
COSW0037	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/01/76-02/22/96	19	18	
COSW0158	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/02/90-02/21/96	5	6	
COSW0165	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/05/80-02/28/96	15	16	
COSW0166	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/05/80-02/28/96	15	16	
COSW0174	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	02/12/85-02/12/85	0	1	
COSW0054	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/96-12/16/96	0	4	
COSW0072	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/18/96-12/16/96	0	5	
COSW0075	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/27/96-12/16/96	0	4	
COSW0081	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/18/96-12/16/96	0	5	
COSW0094	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	0	1	
COSW0097	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	0	1	
COSW0127	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	0	1	
COSW0128	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	0	1	
COSW0129	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	0	1	
COSW0132	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	0	1	
COSW0134	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	0	1	
COSW0135	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	0	1	
COSW0136	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	0	1	
COSW0143	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	0	1	
COSW0145	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	0	1	
COSW0146	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	0	1	
COSW0147	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	0	1	
COSW0150	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	0	1	
COSW0154	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/95-03/03/97	1	54	
COSW0155	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	0	1	
COSW0168	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/27/77-03/10/97	19	31	
COSW0001	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0003	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0004	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	1	12	
COSW0006	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	13	131	
COSW0007	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/07/89	0	12	
COSW0008	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0009	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0010	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	9	110	
COSW0011	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0013	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0016	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0018	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	122	
COSW0020	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0027	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0028	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	1	12	
COSW0030	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0031	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0033	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	122	
COSW0034	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	0	6	
COSW0037	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/01/76	0	13	
COSW0117	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	4	22	
COSW0123	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	4	22	
COSW0124	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	4	22	
COSW0130	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/25/75-10/25/79	4	23	
COSW0149	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	0	12	
COSW0152	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	0	12	
COSW0156	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	0	12	
COSW0158	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-06/02/76	0	13	
COSW0164	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/11/76	1	13	
COSW0169	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/11/76	1	7	
COSW0171	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	4	23	
COSW0172	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0173	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0175	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0176	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0177	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0178	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0179	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	4	23	
COSW0180	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	4	22	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0181	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0182	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0183	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	0	4	
COSW0192	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/75-10/29/79	4	23	
COSW0193	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/75-10/29/79	4	23	
COSW0168	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	09/19/78-09/19/78	0	1	
COSW0168	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	09/19/78-09/19/78	0	1	
COSW0037	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	04/23/91-04/23/91	0	1	
COSW0038	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	1	49	
COSW0044	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-02/27/97	1	13	
COSW0045	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/21/96-02/13/97	0	33	
COSW0050	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	1	49	
COSW0053	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/31/96-03/10/97	1	55	
COSW0058	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	1	48	
COSW0063	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/29/96-02/27/97	0	11	
COSW0064	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/15/96-03/10/97	1	51	
COSW0067	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/30/96-03/10/97	1	53	
COSW0070	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/14/96-03/10/97	1	51	
COSW0073	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/15/96-03/10/97	1	51	
COSW0079	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/31/96-03/10/97	1	55	
COSW0088	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	1	50	
COSW0037	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	08/09/60-08/12/71	11	9	
COSW0117	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-07/28/71	0	3	
COSW0123	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	07/26/65-07/28/71	6	8	
COSW0124	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	02/07/63-08/18/71	8	15	
COSW0130	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/10/71-08/03/71	0	4	
COSW0149	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/10/71	0	6	
COSW0152	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/11/71	0	5	
COSW0156	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-07/09/71	0	2	
COSW0158	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-08/18/71	0	3	
COSW0164	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/12/71	0	3	
COSW0169	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	0	3	
COSW0171	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	0	3	
COSW0180	No	71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/09/71	0	3	
COSW0037	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	0	1	
COSW0117	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/11/71-06/11/71	0	1	
COSW0123	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/09/71-03/22/71	0	4	
COSW0124	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/09/71-06/01/71	0	5	
COSW0130	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/10/71	0	3	
COSW0149	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/07/71	0	3	
COSW0152	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/07/71	0	3	
COSW0156	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/07/71-06/07/71	0	1	
COSW0158	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/11/71-06/11/71	0	1	
COSW0169	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	0	1	
COSW0171	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	0	1	
COSW0180	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	0	1	
COSW0168	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/12/54-09/15/59	5	17	
COSW0170	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/17/57-05/12/61	3	5	
COSW0041	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/69-12/17/70	1	10	
COSW0160	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/69-03/25/71	1	11	
COSW0168	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/59-09/09/65	5	23	
COSW0168	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/17/78-09/19/78	0	7	
COSW0168	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	12/20/77-09/19/78	0	4	
COSW0168	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	12/20/77-09/19/78	0	4	
COSW0006	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	0	2	
COSW0009	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0011	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0013	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0014	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	0	1	
COSW0018	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	0	2	
COSW0019	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	14	156	
COSW0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/14/75	3	3	
COSW0024	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/22/89-03/16/91	1	312	
COSW0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0031	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0032	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	0	1	
COSW0033	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	0	2	
COSW0034	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	0	5	
COSW0037	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	25	154	S
COSW0039	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/22/89-03/16/91	1	312	
COSW0057	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/07/92-05/27/97	5	5	
COSW0078	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/07/92-08/07/92	0	2	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0083	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/25/96-05/27/97	0	3	
COSW0090	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/25/96-05/15/97	0	3	
COSW0091	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0100	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0101	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0114	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0117	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/30/73-10/07/74	1	7	
COSW0123	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/30/73-10/07/74	1	8	
COSW0124	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-10/07/74	2	11	
COSW0125	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0126	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0130	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/28/73-10/16/74	1	9	
COSW0133	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	0	1	
COSW0144	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/27/84-05/06/97	13	55	
COSW0149	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/29/73-06/08/76	2	33	
COSW0152	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/06/97	25	118	S
COSW0156	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-06/08/76	4	35	
COSW0158	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/07/97	25	113	S
COSW0163	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/08/92-02/04/97	4	4	
COSW0164	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-11/10/87	15	61	
COSW0165	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	16	89	
COSW0166	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	16	89	
COSW0168	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/20/77-09/19/78	0	4	
COSW0169	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/22/97	25	90	S
COSW0171	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/73-10/11/74	1	7	
COSW0179	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/27/74-05/01/96	21	6	
COSW0180	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/73-10/11/74	1	7	
COSW0012	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-08/17/76	0	4	
COSW0019	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/12/83-02/22/96	12	13	
COSW0024	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/12/89-06/25/90	1	42	
COSW0029	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-08/17/76	0	4	
COSW0037	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/01/76-02/22/96	19	19	
COSW0039	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/12/89-06/25/90	1	42	
COSW0100	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	0	1	
COSW0114	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	0	1	
COSW0126	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	0	1	
COSW0149	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/07/75-11/07/75	0	1	
COSW0152	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	0	1	
COSW0158	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/02/90-02/21/96	5	7	
COSW0165	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/05/80-02/28/96	15	16	
COSW0166	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/05/80-02/28/96	15	16	
COSW0174	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/12/85-02/12/85	0	1	
COSW0002	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-12/03/96	19	48	
COSW0089	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/17/95-10/17/95	0	5	
COSW0098	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/17/95-01/17/95	0	5	
COSW0099	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/17/95-01/17/95	0	5	
COSW0130	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	
COSW0164	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/24/77-12/19/86	9	30	
COSW0002	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	17	40	
COSW0130	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	
COSW0164	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	9	30	
COSW0002	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-06/16/94	14	35	
COSW0130	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	
COSW0164	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-12/19/86	7	22	
COSW0002	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	17	40	
COSW0130	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0164	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	9	30	
COSW0002	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	17	40	
COSW0130	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	
COSW0164	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	9	30	
COSW0002	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-11/21/88	2	8	
COSW0019	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/06/83-10/22/86	3	17	
COSW0037	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-06/16/94	17	40	
COSW0130	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0144	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	0	2	
COSW0158	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/02/94-06/03/94	0	4	
COSW0164	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/24/77-12/19/86	9	30	
COSW0161	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	02/15/67-02/15/67	0	1	
COSW0168	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/12/54-09/15/59	5	17	
COSW0161	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	02/15/67-02/15/67	0	1	
COSW0161	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	02/15/67-02/15/67	0	1	
COSW0037	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/07/74-08/05/77	3	9	
COSW0156	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/11/74-01/12/76	1	11	
COSW0158	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/11/74-07/20/77	3	14	
COSW0164	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/16/74-12/30/74	0	2	
COSW0009	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0011	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0013	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0030	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0031	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0034	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	0	6	
COSW0165	No	73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	03/12/93-03/12/93	0	1	
COSW0166	No	73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	03/12/93-03/12/93	0	1	
COSW0165	No	73605	BENZENAMINE, 4-NITRO- TOTWUG/L	03/12/93-03/12/93	0	1	
COSW0166	No	73605	BENZENAMINE, 4-NITRO- TOTWUG/L	03/12/93-03/12/93	0	1	
COSW0019	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8	9	
COSW0002	No	76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	11/09/87-11/21/88	1	3	
COSW0002	No	76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	11/09/87-11/21/88	1	3	
COSW0002	No	76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	11/09/87-11/21/88	1	3	
COSW0094	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0132	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77057	VINYL ACETATE WHOLE WATER,UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	77057	VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	77089	ANILINE WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77089	ANILINE WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77089	ANILINE WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77089	ANILINE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77089	ANILINE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0094	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77103	2-HEXANONE WHOLE WATER,UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	77103	2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77128	STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77128	STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77128	STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77128	STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77128	STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77128	STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77128	STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77128	STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77128	STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77128	STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77128	STYRENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77128	STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0136	No	77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77135	O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77135	O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77135	O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77135	O-XYLENE WHOLE WATER,UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0165	No	77146	P-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	0	1	
COSW0166	No	77146	P-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	0	1	
COSW0019	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0144	No	77152	O-CRESOL WHOLE WATER,UG/L	03/04/93-03/04/93	0	1	
COSW0165	No	77152	O-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	0	1	
COSW0166	No	77152	O-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	0	1	
COSW0094	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0134	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	77247	BENZOIC ACID WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77247	BENZOIC ACID WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77247	BENZOIC ACID WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77247	BENZOIC ACID WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77247	BENZOIC ACID WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0094	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0143	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0097	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0094	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77613	1,2,3-TRICHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77613	1,2,3-TRICHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77613	1,2,3-TRICHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77613	1,2,3-TRICHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0129	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	77625	AZOBENZENE WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77625	AZOBENZENE WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77625	AZOBENZENE WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77625	AZOBENZENE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77625	AZOBENZENE WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0094	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	0	1	
COSW0019	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	05/19/88-03/11/97	8	9	
COSW0094	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0127	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	0	1	
COSW0165	No	78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	03/12/93-03/12/93	0	1	
COSW0166	No	78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	03/12/93-03/12/93	0	1	
COSW0019	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/23/87-02/22/95	7	7	
COSW0037	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/23/87-02/22/96	8	8	
COSW0158	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	8	9	
COSW0019	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/04/94	6	6	
COSW0037	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/95	7	8	
COSW0100	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/02/90-12/05/94	4	5	
COSW0165	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/14/94	6	6	
COSW0166	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/14/94	6	7	
COSW0019	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/10/88-02/22/96	7	7	
COSW0037	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/07/88-02/28/96	7	7	
COSW0166	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/07/88-02/28/96	7	8	
COSW0019	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	7	
COSW0037	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	

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**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0158	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	8	
COSW0037	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8	9	
COSW0158	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	5	6	
COSW0165	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	8	
COSW0166	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8	9	
COSW0019	No	79005	CHLORDANE, GAMMA, IN FISH UG/KG	07/06/83-07/06/83	0	1	
COSW0037	No	79005	CHLORDANE, GAMMA, IN FISH UG/KG	07/06/83-07/06/83	0	1	
COSW0164	No	79005	CHLORDANE, GAMMA, IN FISH UG/KG	06/26/81-06/26/81	0	4	
COSW0037	No	79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	06/26/81-06/26/81	0	4	
COSW0164	No	79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	06/26/81-06/26/81	0	4	
COSW0002	No	79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	11/09/87-11/21/88	1	3	
COSW0002	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	09/25/86-12/03/86	0	5	
COSW0019	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	10/21/86-10/22/86	0	3	
COSW0002	No	79041	BENZO(GH)PERYLENE TISWETWTMG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	79041	BENZO(GH)PERYLENE TISWETWTMG/KG	10/21/86-10/22/86	0	3	
COSW0012	No	80153	CARBON, ORGANIC, IN SEDIMENT (% AS C)	09/10/75-08/17/76	0	4	
COSW0029	No	80153	CARBON, ORGANIC, IN SEDIMENT (% AS C)	09/10/75-08/17/76	0	4	
COSW0026	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/67-06/27/68	0	41	
COSW0054	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/26/96-12/16/96	0	4	
COSW0072	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/18/96-12/16/96	0	5	
COSW0075	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/27/96-12/16/96	0	4	
COSW0081	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/18/96-12/16/96	0	5	
COSW0094	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	0	1	
COSW0097	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	0	1	
COSW0127	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	0	1	
COSW0128	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	0	1	
COSW0129	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	0	1	
COSW0132	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	0	1	
COSW0134	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	0	1	
COSW0135	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	0	1	
COSW0136	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	0	1	
COSW0143	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	0	1	
COSW0145	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	0	1	
COSW0146	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	0	1	
COSW0147	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	0	1	
COSW0150	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	0	1	
COSW0154	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/10/95-03/03/97	1	54	
COSW0155	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	0	1	
COSW0168	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/27/77-03/10/97	19	31	
COSW0026	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/04/67-06/27/68	0	41	
COSW0168	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/27/77-09/19/78	0	11	
COSW0019	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	9	
COSW0037	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	8	10	
COSW0144	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/08/91-03/25/97	6	7	
COSW0165	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	9	
COSW0166	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	8	9	
COSW0042	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/15/75-06/15/75	0	2	
COSW0154	No	81551	XYLENE WHL WATER SMPL UG/L	02/22/96-03/25/96	0	2	
COSW0094	No	81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	

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**Station/Parameter Period of Record Tabulation  
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0146	No	81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	81552	ACETONE WHL WATER SMPL UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0094	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/19/96-02/18/97	0	13	
COSW0155	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	0	1	
COSW0002	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/25/86-11/21/88	2	9	
COSW0019	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/06/83-10/22/86	3	17	
COSW0037	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/77-12/03/96	19	61	
COSW0042	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/15/74-06/15/75	1	6	
COSW0089	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/17/95-10/17/95	0	5	
COSW0098	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/17/95-01/17/95	0	5	
COSW0099	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/17/95-01/17/95	0	5	
COSW0130	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/01/94-06/01/94	0	2	
COSW0144	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/01/94-06/01/94	0	2	
COSW0158	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/02/94-06/03/94	0	4	
COSW0164	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/24/77-12/19/86	9	42	
COSW0019	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	01/20/84-01/20/84	0	1	
COSW0042	No	81644	METHOXYCHLOR IN FISH TISSUE UG/G WET WEIGHT	06/15/75-06/15/75	0	2	
COSW0002	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/25/86-11/21/88	2	8	
COSW0019	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/06/83-10/22/86	3	17	
COSW0037	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-06/16/94	13	30	
COSW0130	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/01/94-06/01/94	0	2	
COSW0144	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/01/94-06/01/94	0	2	
COSW0158	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/02/94-06/03/94	0	4	
COSW0164	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-12/19/86	6	19	
COSW0019	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	05/27/93-03/04/94	0	2	
COSW0037	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	05/27/93-03/04/94	0	2	
COSW0144	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/04/93-03/22/94	1	2	
COSW0165	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	1	2	
COSW0166	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	1	2	
COSW0169	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	1	2	
COSW0002	No	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-12/03/86	0	5	
COSW0019	No	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-10/17/86	0	4	
COSW0164	No	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	3	
COSW0002	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-12/03/86	0	5	
COSW0019	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-10/22/86	1	7	
COSW0037	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-10/17/86	1	8	
COSW0164	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-12/19/86	1	6	
COSW0002	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/09/87-11/21/88	1	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0037	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	10/25/88-06/16/94	5	3	
COSW0130	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	12/19/86-12/19/86	0	2	
COSW0002	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0002	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/29/86-12/19/86	0	4	
COSW0002	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0002	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	0	4	
COSW0002	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/25/86-11/21/88	2	8	
COSW0019	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/21/86-10/22/86	0	3	
COSW0037	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/13/86-06/16/94	7	7	
COSW0130	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/29/86-12/19/86	0	4	
COSW0042	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/15/74-06/15/75	1	6	
COSW0042	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/15/74-06/15/75	1	6	
COSW0002	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	11/09/87-11/21/88	1	3	
COSW0037	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	10/25/88-06/16/94	5	3	
COSW0042	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/15/75-06/15/75	0	2	
COSW0130	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	0	4	
COSW0164	No	81898	TRITHION IN TISSUE WET WEIGHT MG/KG	12/19/86-12/19/86	0	2	
COSW0001	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0003	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0004	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0007	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0008	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0016	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0019	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	13	166	
COSW0020	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0021	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/10/73-05/14/75	1	2	
COSW0023	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/22/89-03/19/91	1	104	
COSW0027	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	0	2	
COSW0028	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-03/19/91	3	105	
COSW0037	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	24	273	A
COSW0043	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/23/77-06/20/77	0	3	
COSW0057	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/07/92-06/03/97	5	13	
COSW0068	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/10/85-06/03/97	12	71	
COSW0078	Yes	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/07/92-10/09/92	0	6	
COSW0083	Yes	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/25/96-06/03/97	0	7	
COSW0090	Yes	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/25/96-06/26/97	0	7	
COSW0091	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0100	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0101	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0114	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0117	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-10/04/84	11	48	
COSW0123	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-06/11/97	24	119	
COSW0124	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-10/04/84	11	53	
COSW0125	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0126	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0130	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/25/72-06/10/97	24	120	
COSW0133	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	0	11	
COSW0139	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/25/94-06/03/97	3	18	
COSW0144	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	13	157	
COSW0149	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/08/76	3	37	
COSW0152	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	24	257	A
COSW0156	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/08/76	3	40	
COSW0158	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	24	252	A
COSW0163	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/08/92-06/17/97	5	13	
COSW0164	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	13	108	
COSW0165	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	15	155	
COSW0166	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	15	156	
COSW0167	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/24/77-06/21/77	0	3	
COSW0169	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	24	227	
COSW0171	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	24	119	
COSW0179	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/13/72-06/19/97	24	118	
COSW0180	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/23/97	24	122	
COSW0192	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/06/75-06/23/97	22	108	
COSW0193	No	82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/06/75-06/23/97	22	110	
COSW0024	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/30/89-03/19/91	1	104	
COSW0039	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/30/89-03/19/91	1	104	
COSW0168	No	82398	SAMPLING METHOD (CODES)	11/30/77-11/30/77	0	1	
COSW0001	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0003	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0004	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0007	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0008	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0016	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0020	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0023	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/22/89-03/19/91	1	105	
COSW0027	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	0	2	
COSW0028	No	82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-03/19/91	3	106	
COSW0094	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	02/22/96-02/18/97	0	15	
COSW0155	No	82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	0	1	
COSW0054	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	02/05/96-02/18/97	1	43	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0155	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	02/07/96-09/04/96	0	3	
COSW0019	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/10/88-02/04/94	5	5	
COSW0037	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/95	7	8	
COSW0100	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0114	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0126	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0152	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	0	1	
COSW0158	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/02/90-12/05/94	4	5	
COSW0165	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/07/88-02/14/94	5	5	
COSW0166	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/21/89-02/14/94	4	4	
COSW0037	No	82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/16/94-06/16/94	0	2	
COSW0130	No	82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/01/94-06/01/94	0	2	
COSW0144	No	82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/01/94-06/01/94	0	2	
COSW0158	No	82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/02/94-06/03/94	0	4	
COSW0054	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0146	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/27/96-12/16/96	0	4	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

# **Station/Parameter Period of Record Tabulation** **From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0081	Yes	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0136	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0054	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0132	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0154	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	43	
COSW0155	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation**  
**From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
COSW0127	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	42	
COSW0155	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	42	
COSW0155	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	42	
COSW0155	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0054	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0072	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	0	4	
COSW0075	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0081	Yes	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	0	4	
COSW0094	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation  
From 05/12/54 To 08/19/97**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots <sup>1</sup>
COSW0146	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	1	42	
COSW0155	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	0	1	
COSW0168	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	0	3	
COSW0002	No	84007	ANATOMY ALPHA CODE	09/25/86-11/21/88	2	9	
COSW0019	No	84007	ANATOMY ALPHA CODE	07/06/83-10/22/86	3	17	
COSW0037	No	84007	ANATOMY ALPHA CODE	05/23/77-12/03/96	19	61	
COSW0042	No	84007	ANATOMY ALPHA CODE	06/15/74-06/15/75	1	6	
COSW0089	No	84007	ANATOMY ALPHA CODE	10/17/95-10/17/95	0	5	
COSW0098	No	84007	ANATOMY ALPHA CODE	01/17/95-01/17/95	0	5	
COSW0099	No	84007	ANATOMY ALPHA CODE	01/17/95-01/17/95	0	5	
COSW0130	No	84007	ANATOMY ALPHA CODE	06/01/94-06/01/94	0	2	
COSW0144	No	84007	ANATOMY ALPHA CODE	06/01/94-06/01/94	0	2	
COSW0158	No	84007	ANATOMY ALPHA CODE	06/02/94-06/03/94	0	4	
COSW0164	No	84007	ANATOMY ALPHA CODE	05/24/77-12/19/86	9	42	
COSW0002	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	09/25/86-11/09/87	1	6	
COSW0019	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	12/12/83-11/24/86	2	8	
COSW0037	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	11/25/85-03/07/86	0	2	
COSW0144	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	12/14/84-07/01/86	1	3	
COSW0165	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	11/08/85-03/13/87	1	4	
COSW0166	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	11/08/85-03/13/87	1	4	
COSW0002	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	09/25/86-11/21/88	2	9	
COSW0019	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	07/06/83-10/22/86	3	17	
COSW0037	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	05/23/77-12/03/96	19	61	
COSW0089	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	10/17/95-10/17/95	0	5	
COSW0098	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	01/17/95-01/17/95	0	5	
COSW0099	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	01/17/95-01/17/95	0	5	
COSW0130	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	06/01/94-06/01/94	0	2	
COSW0144	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	06/01/94-06/01/94	0	2	
COSW0158	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	06/02/94-06/03/94	0	4	
COSW0164	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	05/24/77-12/19/86	9	42	
COSW0094	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
COSW0097	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
COSW0127	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
COSW0128	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
COSW0129	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
COSW0132	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
COSW0134	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
COSW0135	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	0	1	
COSW0136	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
COSW0143	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	0	1	
COSW0145	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	0	1	
COSW0146	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	0	1	
COSW0147	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	0	1	
COSW0150	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	0	1	
COSW0154	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	06/26/96-02/18/97	0	12	
COSW0155	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	0	1	

<sup>1</sup>T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot



## **Station-By-Station Results**





## Station Inventory for Station: COSW0001

NPS Station ID: COSW0001  
 Location: MOES CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.676392/ -80.555281

Depth of Water: 6  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): MOES  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	17.85	17.85	20.7	15.	16.245	4.031	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	8.4	8.4	9.3	7.5	1.62	1.273	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	7.165	7.165	7.32	7.01	0.048	0.219	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	7.138	7.138	7.32	7.01	0.05	0.223	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.073	0.073	0.098	0.048	0.001	0.035	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	90.	90.	100.	80.	200.	14.142	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/08/89	12	27.5	27.417	42.	15.	54.811	7.403	16.2	21.25	31.75	39.9
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/08/89	12	0.08	0.086	0.14	0.025	0.001	0.033	0.036	0.063	0.11	0.137
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/08/89	12	0.45	0.51	0.82	0.35	0.026	0.16	0.35	0.358	0.623	0.79
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/08/89	12	0.42	0.386	0.56	0.01	0.021	0.143	0.091	0.32	0.475	0.548
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/08/89	12	0.105	0.109	0.17	0.06	0.002	0.039	0.063	0.073	0.14	0.167
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/08/89	12	0.04	0.045	0.09	0.02	0.001	0.023	0.02	0.025	0.06	0.087
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	12	0.05	0.055	0.08	0.03	0.	0.016	0.033	0.043	0.068	0.08
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	3.7	3.7	5.	2.4	3.38	1.838	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	5.1	5.1	8.	2.2	16.82	4.101	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/08/88-03/08/89	12	4.7	4.758	6.3	3.6	0.575	0.759	3.69	4.275	5.	6.18
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/08/88-03/08/89	8	4.4	4.663	6.	3.5	0.774	0.88	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/08/89	12	2.1	2.15	2.6	1.7	0.092	0.303	1.73	1.9	2.475	2.57
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/08/89	8	1.85	2.	2.6	1.6	0.166	0.407	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/08/88-03/08/89	12	18.	17.783	25.	9.4	23.218	4.818	10.18	13.5	21.75	24.7
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/08/89	12 ##	5.	4.5	5.	3.	0.818	0.905	3.	3.5	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/08/89	12	19.5	19.833	30.	8.	34.152	5.844	9.8	16.5	23.	29.1
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/08/89	12	14.5	12.417	24.	5.	39.538	6.288	5.	5.	15.75	22.5
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/08/88-03/08/89	12	10.5	9.925	12.	5.2	3.586	1.894	6.22	8.95	11.	12.
01045 IRON, TOTAL (UG/L AS FE)	03/08/88-03/08/89	12	945.	1071.667	2300.	540.	237142.424	486.973	576.	717.5	1350.	2060.
01046 IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/08/89	12	270.	326.667	640.	190.	16606.061	128.865	202.	250.	422.5	586.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/08/89	12	110.	112.5	260.	40.	3293.182	57.386	46.	70.	127.5	230.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/08/89	12	70.	70.833	160.	20.	2058.333	45.369	21.5	26.25	97.5	151.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/08/89	12	450.	506.667	1100.	200.	75587.879	274.932	212.	265.	692.5	1004.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/08/89	12	120.	188.333	730.	70.	33833.333	183.938	73.	90.	242.5	595.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/08/89	12	97.	111.667	280.	74.	3031.152	55.056	74.6	88.	117.5	232.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	12	0.09	0.092	0.12	0.07	0.	0.021	0.07	0.07	0.118	0.12
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	1.035	1.035	1.12	0.95	0.014	0.12	**	**	**	**
82580 TAPDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	7.46	7.46	7.87	7.05	0.336	0.58	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0001

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
	Drinking Water	250.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0002

NPS Station ID: COSW0002      LAT/LON: 33.707671/ -80.580670

Location: OTTER FLATS UPSTREAM OF L. MARION IN THE SWAMP

Station Type: /TYPA/AMBNT/FISH/STREAM/TISSUE

RMI-Indexes:

RMI-Miles:

HUC: 03050111

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050111

RF3 Index: 03050104083700.33

Description:

SAMPLED BY THE SOUTH CAROLINA DEPT OF HEALTH AND ENVIRONMENTAL CONTROL OTTER FLATS

SANTEE SWAMP BELOW RISERS LAKE AND ABOVE NW PART OF LAKE MARION. 5.5 AIRMI WEST OF PINEWOOD, SC.

SUMTER COUNTY

Agency: 21SC60WQ

FIPS State/County: 45085 SOUTH CAROLINA/SUMTER

STORET Station ID(s): ST-518

Within Park Boundary: No

Date Created: 06/13/87

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

On/Off RF1:

On/Off RF3:

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

## Parameter Inventory for Station: COSW0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01069 NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01073 THALLIUM, TISSUE, WET WEIGHT, MG/KG	09/25/86-12/03/86	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01361 SAMPLE LENGTH-MAXIMUM CM	09/25/86-11/21/88	9	54.5	45.811	63.	19.5	271.196	16.468	19.5	30.75	59.65	63.
01362 SAMPLE WEIGHT-MAXIMUM G	09/25/86-11/21/88	9	1600.	1340.556	2540.	130.	763002.778	873.5	130.	487.5	2095.	2540.
01370 SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	09/25/86-11/21/88	9	1300.	1034.	2120.	100.	533554.	730.448	100.	323.	1610.	2120.
01371 SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	09/25/86-11/21/88	9	53.5	110.32	633.	18.7	38668.663	196.643	18.7	29.15	60.47	633.
01372 SAMPLE, INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	09/25/86-11/21/88	9	49.5	41.956	62.	18.	261.56	16.173	18.	26.25	55.1	62.
01373 SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	8	1539.	1273.219	2380.	118.	707977.74	841.414	**	**	**	**	**
34204 ACENAPHTHYLENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	80.	66.692	80.	0.15	1062.67	32.599	**	**	**	**
34209 ACENAPHTHENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	5.	4.192	5.	0.15	3.92	1.98	**	**	**	**
34224 ANTHRACENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	19.	15.858	19.	0.15	59.22	7.695	**	**	**	**
34234 BENZO(B)FLUORANTHENE, TISSUE, WET WGT, MG/KG	09/25/86-11/21/88	6 ##	0.75	0.65	0.75	0.15	0.06	0.245	**	**	**	**
34238 BENZENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34241 BENZIDINE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34246 BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	09/25/86-11/21/88	6 ##	0.325	0.296	0.325	0.15	0.005	0.071	**	**	**	**
34251 BENZO-A-PYRENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	0.65	0.567	0.65	0.15	0.042	0.204	**	**	**	**
34277 BIS (2-CHLOROETHYL) ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34282 BIS (2-CHLOROETHOXY) METHANE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34287 BIS (2-CHLOROISOPROPYL) ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34291 BROMOFORM WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34300 CARBON TETRACHLORIDE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34305 CHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34310 CHLORODIBROMOMETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34315 CHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34319 CHLOROFORM WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34324 CHRYSENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	4.	3.358	4.	0.15	2.47	1.572	**	**	**	**
34331 DICHLOROBROMOMETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34340 DIETHYL PHTHALATE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34345 DIMETHYL PHTHALATE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34355 ENDOSULFAN SULFATE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34360 ENDOSULFAN, BETA WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34365	ENDOSULFAN, ALPHA WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
34370	ENDRIN ALDEHYDE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
34375	ETHYLBENZENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34380	FLUORANTHENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	1.5	10.908	59.3	0.15	562.312	23.713	**	**	**
34385	FLUORENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	16.	13.358	16.	0.15	41.87	6.471	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34395	HEXACHLOROBUTADIENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34400	HEXACHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	0.65	0.567	0.65	0.15	0.042	0.204	**	**	**
34412	ISOPHORONE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34427	METHYLENE CHLORIDE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	0.15	0.158	0.2	0.15	0.	0.02	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34446	NAPHTHALENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	16.	13.358	16.	0.15	41.87	6.471	**	**	**
34451	NITROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34456	PARACHLOROMETA CRESOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34465	PHENANTHRENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	4.	3.358	4.	0.15	2.47	1.572	**	**	**
34468	PHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34473	PYRENE WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	4.	3.358	4.	0.15	2.47	1.572	**	**	**
34479	TETRACHLOROETHYLENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34484	TOLUENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34492	TRICHLOROFLUOROMETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34500	1,1-DICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34530	BENZO(A)ANTHRACENE 1,2-BENZANTHRACEN WET WGT TISM/G/KG	09/25/86-11/21/88	6 ##	0.4	0.358	0.4	0.15	0.01	0.102	**	**	**
34535	1,2-DICHLOROETHANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34540	1,2-DICHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34545	1,2-DICHLOROPROPANE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34570	1,3-DICHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34575	1,4-DICHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
34585	2-CHLORONAPHTHALENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34590	2-CHLOROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34595	2-NITROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34605	2,4-DICHLOROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34615	2,4-DINITROTOLUENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34620	2,4-DINITROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34630	2,6-DINITROTOLUENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34650	4-NITROPHENOL WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34664	PCB - 1221 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34667	PCB - 1232 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34669	PCB - 1248 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34670	PCB - 1260 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34674	PCB - 1016 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34683	DI-N-BUTYL PHTHALATE, TISSUE, WET WGT WGT	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34688	HEXACHLOROBENZENE WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
34689	PCB - 1242 WET WGT TISM/G/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34690	PCB - 1254 WET WGT TISM/G/KG	11/09/87-11/21/88	1	0.115	0.115	0.115	0.115	0.	0.	**	**	**
34692	TRICHLOROETHYLENE WET WGT TISM/G/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34693 VINYL CHLORIDE WET WGT TISMG/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34698 TRANS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34703 CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/09/87-11/09/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39060 PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39074 BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/25/86-11/21/88	6 ##	0.003	0.006	0.023	0.003	0.	0.008	**	**	**	**
39099 BIS(2-ETHYLHEXYL)PHTHALATE, TISSUE, WET WGT, MG/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39302 P P DDT IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39307 O P DDT IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39312 P P DDD IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39322 P,P'-DDE IN TISSUE WET WGT MG/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39325 O,P DDD IN TISSUE WET WGT (UG/G)	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39334 ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39349 CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39364 DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39369 DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	48.25	72.167	269.	2.5	9771.851	98.853	**	**	**	**
39374 DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39376 DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/25/86-11/21/88	6	0.045	0.07	0.27	0.003	0.01	0.1	**	**	**	**
39387 DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39397 ENDRIIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39407 TOXAPHENE IN FISH OR ANIMAL (UG/KG WET WEIGHT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39414 HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39424 HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39482 METHOXYCHLOR IN FISH - UG/KG	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39515 PCBS (MG/KG) FISH TISSUE MG/KG	09/25/86-11/21/88	6	0.116	0.126	0.269	0.025	0.006	0.079	**	**	**	**
39534 MALATHION IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39703 HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	09/25/86-11/21/88	6 ##	2.5	4.167	12.5	2.5	16.667	4.082	**	**	**	**
39784 LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
45582 ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	09/25/86-11/21/88	6	0.	0.	0.	0.	0.	0.	**	**	**	**
45583 ORGANICS, BASE-NEUTRAL EXTRACTABLE, NUMBER DETECTED	09/25/86-11/21/88	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
45651 PCB - 1262, TISSUE, WET WEIGHT MG/KG	11/09/87-11/21/88	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46332 RONNEL IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335 ETHION IN TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
71930 MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-11/21/88	6 ##	0.125	0.703	3.59	0.125	2.001	1.415	**	**	**	**
71936 LEAD, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937 COPPER, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	6 ##	0.5	0.9	2.9	0.5	0.96	0.98	**	**	**	**
71938 ZINC, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	6	14.	14.333	18.	12.	4.667	2.16	**	**	**	**
71939 CHROMIUM, TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-11/21/88	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71940 CADMIUM, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-11/21/88	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
76184 BENZYL ALCOHOL TISSUE, WET WGT, MG/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
76287 BENZOIC ACID TISSUE, WET WGT, MG/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
76619 DIBENZOFURAN TISSUE, WET WGT, MG/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
79038 BUTYLBENZYL PHTHALATE TISWETWTMG/KG	11/09/87-11/21/88	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
79040 DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	09/25/86-12/03/86	5 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
79041 BENZO(GH)PERYLENE TISWETWTMG/KG	09/25/86-11/21/88	6 ##	0.65	0.567	0.65	0.15	0.042	0.204	**	**	**	**
81614 NUMBER OF INDIVIDUALS IN THE SAMPLE	09/25/86-11/21/88	9	5.	4.444	5.	3.	0.528	0.726	3.	4.	5.	5.
81645 MIREX IN FISH TISSUE WET WEIGHT UG/G	09/25/86-11/21/88	6 ##	0.003	0.004	0.013	0.003	0.	0.004	**	**	**	**
81663 TIN IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-12/03/86	5	20.	20.	28.	10.	42.	6.481	**	**	**	**
81666 ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-12/03/86	5 ##	0.5	0.68	1.4	0.5	0.162	0.402	**	**	**	**
81760 O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/09/87-11/21/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81802 GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806 DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809 METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810 PARATHION IN FISH TISSUE WET WEIGHT MG/KG	09/25/86-11/21/88	6 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820 BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/25/86-11/21/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81898 TRITHION IN TISSUE WET WEIGHT MG/KG	11/09/87-11/21/88	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0003

NPS Station ID: COSW0003  
 Location: GAR LAKE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.739170/ -80.586393

Depth of Water: 5  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): GARL  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.7	16.7	20.	13.4	21.78	4.667	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	23.5	23.5	26.	21.	12.5	3.536	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	9.4	9.4	13.2	5.6	28.88	5.374	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.625	6.625	6.8	6.45	0.061	0.247	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.591	6.591	6.8	6.45	0.064	0.252	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.257	0.257	0.355	0.158	0.019	0.139	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	82.5	82.5	90.	75.	112.5	10.607	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	12	19.5	20.917	29.	15.	25.902	5.089	15.	16.25	25.75	28.7
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.06	0.068	0.13	0.025	0.001	0.037	0.025	0.031	0.095	0.13
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.485	0.521	0.68	0.33	0.014	0.118	0.351	0.44	0.65	0.674
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12	0.02	0.076	0.44	0.01	0.015	0.122	0.01	0.01	0.11	0.344
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.095	0.108	0.16	0.07	0.001	0.028	0.073	0.09	0.128	0.157
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.06	0.056	0.11	0.025	0.001	0.024	0.025	0.035	0.065	0.098
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.06	0.067	0.11	0.04	0.001	0.025	0.04	0.05	0.09	0.11
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	5.45	5.45	6.3	4.6	1.445	1.202	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	4.55	4.55	5.8	3.3	3.125	1.768	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	4.9	5.138	6.7	3.4	1.081	1.04	3.68	4.35	6.15	6.58
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	4.8	5.1	7.4	3.5	1.6	1.265	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	2.1	1.962	2.7	1.1	0.344	0.587	1.14	1.3	2.45	2.7
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	8	1.8	1.9	3.	1.2	0.394	0.628	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	13	11.	11.769	24.	1.9	47.269	6.875	2.3	5.15	17.	22.4
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	20.	19.231	32.	8.	44.692	6.685	9.6	13.5	23.5	30.4
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13 ##	5.	12.692	29.	5.	85.731	9.259	5.	5.	22.	27.4
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	9.	8.415	13.	3.	12.135	3.483	3.32	4.9	11.5	13.
01045 IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	1650.	1933.333	3700.	1100.	636969.697	798.104	1130.	1325.	2600.	3460.
01046 IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	1300.	1541.538	3200.	710.	542680.769	736.669	754.	955.	2050.	2920.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	130.	344.167	1200.	30.	173153.788	416.118	36.	60.	560.	1170.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13	210.	340.	1200.	20.	163316.667	404.125	32.	60.	510.	1160.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	12	115.	160.	590.	60.	23654.545	153.8	60.	72.5	147.5	512.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	110.	158.462	810.	25.	41793.269	204.434	25.	55.	175.	562.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	12	86.	88.5	130.	48.	944.818	30.738	48.6	57.5	122.5	130.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.085	0.098	0.16	0.05	0.001	0.037	0.056	0.07	0.138	0.157
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	1.385	1.385	1.7	1.07	0.198	0.445	**	**	**	**
82580 TAPDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	7.105	7.105	7.22	6.99	0.026	0.163	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH								1	0	0.00	1	0	0.00			
	Other-Hi Lim.	9.	2	0	0.00												
	Other-Lo Lim.	6.5	2	1	0.50				1	0	0.00	1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0004

NPS Station ID: COSW0004  
 Location: SANTEE RIVER AT BUCKINGHAM LANDING  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.680559/ -80.586949

Depth of Water: 15  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): SANB  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.35	16.35	19.2	13.5	16.245	4.031	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	20.75	20.75	22.5	19.	6.125	2.475	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	8.15	8.15	8.9	7.4	1.125	1.061	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	7.045	7.045	7.13	6.96	0.014	0.12	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	7.037	7.037	7.13	6.96	0.015	0.121	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.092	0.092	0.11	0.074	0.001	0.025	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	92.5	92.5	100.	85.	112.5	10.607	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/08/89	12	27.5	26.917	35.	19.	27.538	5.248	19.3	21.25	31.5	34.1
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/08/89	12	0.065	0.066	0.1	0.025	0.001	0.024	0.025	0.06	0.08	0.1
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/08/89	12	0.425	0.48	0.86	0.24	0.029	0.171	0.255	0.385	0.605	0.797
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/08/89	12	0.435	0.446	0.6	0.28	0.007	0.084	0.31	0.4	0.5	0.582
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/08/89	12	0.095	0.1	0.15	0.05	0.001	0.03	0.056	0.075	0.128	0.147
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/08/89	13	0.04	0.045	0.08	0.025	0.	0.018	0.025	0.028	0.06	0.076
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	13	0.06	0.062	0.09	0.03	0.	0.018	0.038	0.05	0.075	0.09
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	3.35	3.35	3.9	2.8	0.605	0.778	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	3.35	3.35	5.	1.7	5.445	2.333	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/08/88-03/08/89	13	4.6	4.7	6.4	3.6	0.553	0.744	3.72	4.2	5.05	6.12
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/08/88-03/08/89	8	4.6	4.738	5.9	3.6	0.597	0.773	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/08/89	13	2.1	2.115	2.5	1.7	0.09	0.3	1.7	1.85	2.45	2.5
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/08/89	8	1.95	2.05	2.5	1.6	0.117	0.342	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/08/88-03/08/89	13	17.	17.154	25.	10.	19.641	4.432	10.8	13.	20.	24.2
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/08/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/08/89	13	17.	17.462	26.	8.	27.603	5.254	9.2	13.5	22.	24.8
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/08/89	13	14.	11.231	19.	5.	29.526	5.434	5.	5.	15.5	18.2
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/08/88-03/08/89	13	11.	9.954	12.	5.2	3.479	1.865	6.48	8.9	11.	12.
01045 IRON, TOTAL (UG/L AS FE)	03/08/88-03/08/89	12	775.	966.667	2500.	660.	276442.424	525.778	660.	692.5	1110.	2140.
01046 IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/08/89	13	250.	293.077	470.	200.	7789.744	88.26	208.	240.	365.	454.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/08/89	12	85.	89.25	150.	60.	754.023	27.459	60.	62.5	107.5	141.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/08/89	13 ##	25.	33.846	90.	10.	642.308	25.344	14.	25.	27.5	90.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/08/89	12	300.	438.333	1400.	210.	111342.424	333.68	210.	270.	572.5	1166.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/08/89	13	100.	151.923	520.	25.	18656.41	136.588	39.	70.	205.	440.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/08/89	13	86.	86.	100.	54.	195.333	13.976	60.4	79.	100.	100.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/08/89	12	0.095	0.097	0.14	0.07	0.001	0.023	0.07	0.08	0.11	0.137
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	3.99	3.99	4.09	3.89	0.02	0.141	**	**	**	**
82580 TAPDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	22.715	22.715	22.78	22.65	0.008	0.092	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0004

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0005

NPS Station ID: COSW0005

Location: SANTEE RV .2KM US OF THE MOUTH OF BROADWATER CR

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER

RF1 Index: 03050104

RF3 Index: 03050104083700.33

Description:

THE SAMPLING SITE IS THE SANTEE RIVER 0.2 KILOMETERS UPSTREAM FROM THE MOUTH OF BROADWATER CREEK AND APPROXIMATELY 5.5 KILOMETERS DOWNSTREAM OF THE CONFLUENCE OF THE CONGAREE AND WATEREE RIVERS. THIS SITE IS

LAT/LON: 33.702781/ -80.591670

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

SAMPLED ON A MONTHLY BASIS.

Agency: 21SCSANT

FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN

STORET Station ID(s): SC-OO4

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 04/14/84

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0006

NPS Station ID: COSW0006      LAT/LON: 33.702781/ -80.591670  
 Location: SANTEE RIVER 0.2KM US OF MOUTH OF BROADWATER CRE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104      Depth of Water: 1  
 Major Basin: SOUTHEAST      Elevation: 0  
 Minor Basin: SANTEE COOPER  
 RF1 Index: 03050104      RF1 Mile Point: 0.000  
 RF3 Index: 03050104083700.33      RF3 Mile Point: 4.51

Agency: 21SCSANT  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): SC-004  
 Within Park Boundary: No

Date Created: 04/27/84

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Description:  
 THE SAMPLING SITE IS THE SANTEE RIVER 0.2 KILOMETERS UPSTREAM OF THE MOUTH OF BROADWATER CREEK AND APPROXIMATELY 5.5 KILOMETERS DOWNSTREAM OF THE CONFLUENCE OF THE CONGAREE AND WATEREE RIVERS. THIS SITE IS SAMPLED ON A MONTHLY BASIS.

### Parameter Inventory for Station: COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	138	18.	18.065	31.	6.	50.059	7.075	9.	11.375	24.	27.19
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	140	23.	22.	37.	2.	68.119	8.253	10.1	16.	29.	32.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	141	15.	21.711	120.	3.5	338.493	18.398	7.6	10.	25.	44.8
00077 TRANSPARENCY, SECCHI DISC (INCHES)	04/13/83-08/22/96	6	14.	12.	18.	2.	44.8	6.693	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	139	35.	43.777	320.	20.	1045.233	32.33	25.	30.	50.	60.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	136	90.	94.559	700.	30.	3657.389	60.476	50.7	67.25	110.	130.
00300 OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	136	7.95	8.208	12.4	4.7	2.687	1.639	6.2	6.8	9.575	10.6
00310 BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	119	0.8	1.036	6.3	0.04	0.611	0.781	0.4	0.6	1.3	1.8
00400 PH (STANDARD UNITS)	03/22/83-12/11/96	132	6.8	6.773	7.7	5.4	0.108	0.329	6.4	6.6	6.9	7.17
00400 CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	132	6.8	6.603	7.7	5.4	0.137	0.37	6.4	6.6	6.9	7.17
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	132	0.158	0.249	3.981	0.02	0.178	0.422	0.068	0.126	0.251	0.398
00403 PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	140	6.9	6.86	7.5	5.6	0.125	0.354	6.5	6.7	7.1	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	140	6.9	6.652	7.5	5.6	0.169	0.411	6.5	6.7	7.1	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	140	0.126	0.223	2.512	0.032	0.137	0.37	0.063	0.079	0.2	0.316
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	140	21.	21.457	37.	11.	20.754	4.556	15.1	18.25	25.	27.
00500 RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	133	96.	99.075	246.	24.	678.403	26.046	72.	86.	110.	124.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	130	20.	23.223	154.	2.	319.539	17.876	9.	13.	26.	44.5
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	130	0.055	0.079	0.43	0.005	0.007	0.081	0.01	0.03	0.1	0.16
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	121	0.35	0.407	1.92	0.05	0.068	0.261	0.182	0.265	0.47	0.66
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	131	0.39	0.56	16.	0.01	2.252	1.501	0.17	0.3	0.45	0.644
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	130	0.08	0.083	0.21	0.01	0.002	0.043	0.03	0.05	0.11	0.14
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	135	18.	19.933	179.	6.	235.675	15.352	12.	15.	23.	25.
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	133	4.	4.611	63.4	0.4	30.101	5.486	2.04	2.85	5.35	6.3
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS Ca DRY WGT)	08/09/95-03/11/96	2	3.325	3.325	5.38	1.27	8.446	2.906	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	3	1.83	2.543	4.	1.8	1.592	1.262	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	134	2.	2.102	6.3	0.6	0.529	0.727	1.4	1.7	2.3	2.85
00929 SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	82	10.69	12.208	50.	0.39	46.329	6.807	5.712	8.63	14.	20.452
00937 POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	74	2.315	2.466	5.02	0.73	0.584	0.764	1.7	1.995	2.743	3.405
00945 SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	6	16.	14.667	24.	4.	81.067	9.004	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	110 ##	5.	6.964	35.	1.	45.063	6.713	3.	5.	5.	14.9
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	3 ##	2.575	3.358	5.	2.5	2.023	1.422	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	3	15.	16.233	23.	10.7	38.963	6.242	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	99 ##	10.	11.788	45.	0.	62.659	7.916	3.	5.	15.	23.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	3	15.	13.537	18.	7.61	28.594	5.347	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	121	9.	13.504	126.	1.	293.952	17.145	5.	5.	16.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	3 ##	5.	8.192	17.	2.575	59.66	7.724	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	135	874.	1154.259	5470.	168.	843291.985	918.309	492.6	659.	1252.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	135	18.	27.711	134.	1.	465.819	21.583	9.6	15.	42.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	3	27.17	33.723	49.	25.	176.21	13.274	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	3	208.9	486.633	1192.	59.	378774.103	615.446	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	135	74.	85.612	399.	19.	2212.774	47.04	49.2	60.	100.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	111 ##	15.	15.775	58.	1.	79.776	8.932	6.	15.	24.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	111	6.	12.329	138.	1.	266.652	16.329	3.	5.	14.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	3	17.49	27.497	50.	15.	381.35	19.528	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	3	6421.23	10620.077	24163.	1276.	144176427.248	12007.349	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	130	30.	82.665	1000.	1.	21249.819	145.773	7.	13.	72.25
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	130	1.477	1.492	3.	0.	0.365	0.604	0.845	1.114	1.859
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			31.037							
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-11/11/92	69	58.	401.355	12000.	4.5	2204583.92	1484.784	10.	22.5	252.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-11/11/92	69	1.763	1.906	4.079	0.653	0.501	0.708	1.	1.352	2.402
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			80.483							
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	1	0.	0.	0.	0.	0.	0.	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	131	0.06	0.061	0.15	0.01	0.001	0.029	0.03	0.04	0.08
71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	141	11	0.08	47	3	0.06	57	8	0.14	37	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	136	0	0.00	45	0	0.00	56	0	0.00	35	0	0.00		
00400	PH	Other-Hi Lim.	9.	132	0	0.00	44	0	0.00	55	0	0.00	33	0	0.00		
		Other-Lo Lim.	6.5	132	26	0.20	44	7	0.16	55	16	0.29	33	3	0.09		
00403	PH, LAB	Other-Hi Lim.	9.	140	0	0.00	46	0	0.00	57	0	0.00	37	0	0.00		
		Other-Lo Lim.	6.5	140	16	0.11	46	4	0.09	57	9	0.16	37	3	0.08		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	131	1	0.01	46	1	0.02	48	0	0.00	37	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	3	0	0.00	3	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	40 &	27	0.68	13	8	0.62	18	13	0.72	9	6	0.67		
		Drinking Water	5.	40 &	23	0.58	13	7	0.54	18	12	0.67	9	4	0.44		
01034	CHROMIUM, TOTAL	Drinking Water	100.	99	0	0.00	33	0	0.00	39	0	0.00	27	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	120 &	25	0.21	42	11	0.26	45	9	0.20	33	5	0.15		
		Drinking Water	1300.	121	0	0.00	42	0	0.00	46	0	0.00	33	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	135	3	0.02	44	0	0.00	53	3	0.06	38	0	0.00		
		Drinking Water	15.	73 &	49	0.67	23	16	0.70	29	18	0.62	21	15	0.71		
01067	NICKEL, TOTAL	Fresh Acute	1400.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
		Drinking Water	100.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	111	1	0.01	37	0	0.00	44	1	0.02	30	0	0.00		
		Drinking Water	5000.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	130	16	0.12	42	3	0.07	53	10	0.19	35	3	0.09		
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1983 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7	15.	16.929	24.5	11.	30.036	5.48	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	6	19.5	21.667	33.	9.	75.067	8.664	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	7	21.	30.643	64.	8.7	441.473	21.011	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	7	30.	39.286	70.	25.	320.238	17.895	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	7	79.	70.286	110.	35.	875.905	29.596	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	7	8.	8.	8.7	6.8	0.457	0.676	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	5	1.	1.16	2.5	0.5	0.643	0.802	**	**	**	**
00400	PH (STANDARD UNITS)	7	6.8	6.711	7.3	5.4	0.4	0.632	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	7	6.8	6.163	7.3	5.4	0.75	0.866	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.158	0.687	3.981	0.05	2.115	1.454	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	7	7.	6.886	7.1	6.6	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	7	7.	6.841	7.1	6.6	0.047	0.217	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	0.1	0.144	0.251	0.079	0.005	0.071	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	18.	16.571	23.	11.	19.286	4.392	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	4	86.	85.	112.	56.	590.667	24.304	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	4	33.	31.	45.	13.	176.	13.266	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	7	0.06	0.076	0.15	0.04	0.001	0.038	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	0.38	0.38	0.48	0.28	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	0.295	0.262	0.37	0.07	0.013	0.116	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.12	0.132	0.2	0.06	0.003	0.052	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	7	13.	15.	31.	9.	55.333	7.439	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	7	1.4	1.457	2.1	0.4	0.39	0.624	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	7	2.3	2.757	6.3	1.4	2.913	1.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	7	2867.	2527.143	4030.	697.	1644809.143	1282.501	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	7	44.	48.143	90.	21.	573.143	23.94	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	7	77.	84.429	167.	58.	1403.286	37.46	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	6	167.	174.667	342.	13.	24807.867	157.505	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	6	2.053	1.975	2.534	1.114	0.366	0.605	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			94.407								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	5	0.06	0.072	0.12	0.03	0.001	0.034	**	**	**	**

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### Annual Analysis for 1984 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	13	18.	18.8	28.	8.	50.953	7.138	8.8	11.	25.	27.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	13	21.	22.538	36.	7.	88.144	9.389	9.2	15.	30.75	35.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	13	25.	28.3	64.	3.5	358.003	18.921	5.86	14.5	39.5	63.6
00080	COLOR (PLATINUM-COBALT UNITS)	13	30.	31.154	40.	25.	17.308	4.16	27.	30.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	13	65.	65.538	95.	35.	328.769	18.132	39.	50.5	80.5	93.
00300	OXYGEN, DISSOLVED MG/L	12	8.75	8.442	10.8	5.7	3.561	1.887	5.76	6.45	10.1	10.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10	0.9	0.91	1.4	0.3	0.137	0.37	0.32	0.575	1.225	1.39
00400	PH (STANDARD UNITS)	12	6.95	6.967	7.5	6.5	0.142	0.377	6.5	6.55	7.35	7.47
00400	CONVERTED PH (STANDARD UNITS)	12	6.925	6.828	7.5	6.5	0.163	0.404	6.5	6.55	7.35	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.119	0.149	0.316	0.032	0.013	0.114	0.034	0.046	0.287	0.316
00403	PH, LAB, STANDARD UNITS SU	13	6.9	6.838	7.3	6.	0.103	0.32	6.24	6.65	7.	7.22
00403	CONVERTED PH, LAB, STANDARD UNITS	13	6.9	6.692	7.3	6.	0.126	0.355	6.24	6.65	7.	7.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	13	0.126	0.203	1.	0.05	0.061	0.247	0.062	0.1	0.225	0.7
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	13	17.	18.	23.	13.	8.167	2.858	13.8	16.5	20.5	22.6
00500	RESIDUE, TOTAL (MG/L)	13	84.	83.538	114.	60.	226.103	15.037	60.8	73.	94.	108.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11	24.	28.	63.	13.	224.2	14.973	13.	19.	36.	59.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	0.06	0.077	0.153	0.02	0.002	0.039	0.026	0.05	0.11	0.146
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	7	0.42	0.464	0.73	0.29	0.019	0.137	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11	0.28	0.19	0.39	0.03	0.019	0.139	0.032	0.04	0.3	0.372
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12	0.105	0.11	0.18	0.06	0.001	0.031	0.066	0.093	0.12	0.171
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11	14.	14.909	20.	9.	11.291	3.36	9.6	13.	18.	20.

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### Annual Analysis for 1984 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00916	CALCIUM, TOTAL (MG/L AS CA)	03/22/83-12/11/96	11	2.1	2.1	2.5	1.6	0.05	0.224	1.68	2.	2.2	2.46
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	12	2.15	2.333	3.5	1.	0.482	0.695	1.21	2.025	2.875	3.44
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	5	20.	18.2	26.	7.	60.2	7.759	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	12	1386.5	1874.417	5470.	540.	2322236.629	1523.889	586.2	850.75	1998.75	5156.2
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	12	49.	49.667	134.	5.	1523.879	39.037	6.8	14.	69.	123.5
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	12	73.	78.25	165.	39.	1293.114	35.96	41.1	48.5	91.	151.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	35.	65.333	180.	8.	4054.25	63.673	8.	16.	127.	180.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	1.544	1.596	2.255	0.903	0.246	0.496	0.903	1.142	2.097	2.255
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			39.407								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	12	0.07	0.07	0.1	0.05	0.	0.017	0.05	0.053	0.08	0.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	11	22.	20.455	29.	10.	41.023	6.405	10.4	15.	25.5	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	11	26.	23.545	32.	11.	40.873	6.393	12.4	18.	28.	31.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	11	13.	28.827	120.	10.	1107.988	33.286	10.	10.1	42.	106.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	11	30.	40.909	120.	20.	834.091	28.881	21.	25.	45.	108.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	11	85.	82.455	115.	41.	631.273	25.125	42.8	62.	100.	115.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	11	7.6	7.9	11.	6.2	1.798	1.341	6.32	6.8	9.	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	10	1.35	1.31	1.8	0.8	0.128	0.357	0.8	0.95	1.625	1.79
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	11	6.8	6.818	7.2	6.4	0.048	0.218	6.44	6.7	6.9	7.18
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	11	6.8	6.768	7.2	6.4	0.05	0.225	6.44	6.7	6.9	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	11	0.158	0.171	0.398	0.063	0.008	0.091	0.066	0.126	0.2	0.369
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	11	7.	6.927	7.4	6.1	0.11	0.332	6.24	6.8	7.1	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	11	7.	6.772	7.4	6.1	0.137	0.37	6.24	6.8	7.1	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	11	0.1	0.169	0.794	0.04	0.045	0.211	0.044	0.079	0.158	0.667
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	11	19.	20.364	30.	13.	19.655	4.433	14.	18.	23.	29.
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	11	86.	85.455	132.	24.	842.473	29.025	31.2	70.	104.	128.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	11	14.	19.545	46.	8.	166.073	12.887	8.2	10.	27.	44.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	9	0.06	0.1	0.3	0.02	0.008	0.09	0.02	0.045	0.15	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.43	0.622	1.92	0.2	0.281	0.53	0.212	0.32	0.745	1.846
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	11	0.43	1.791	16.	0.06	22.228	4.715	0.086	0.32	0.46	12.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.08	0.085	0.15	0.03	0.001	0.037	0.032	0.058	0.11	0.149
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	11	14.	13.909	17.	9.	8.891	2.982	9.2	11.	17.	17.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	11	2.4	2.6	3.7	1.7	0.362	0.602	1.74	2.2	2.9	3.64
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	11	1.5	1.727	2.3	0.9	0.198	0.445	1.	1.5	2.2	2.3
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	6	26.5	22.167	35.	4.	178.167	13.348	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	11	17.	39.	126.	7.	1602.6	40.032	7.6	11.	80.	117.6
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	11	492.	955.909	4450.	388.	1397691.291	1182.24	390.	462.	904.	3788.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	11	28.	29.091	58.	12.	190.091	13.787	12.4	18.	35.	55.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	11	51.	66.509	149.	19.	1772.125	42.097	22.	35.	111.	142.1
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	6	19.	19.833	35.	6.	86.567	9.304	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	6	21.5	19.5	31.	3.	137.5	11.726	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	8	18.	82.125	428.	1.	21058.982	145.117	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	8	1.253	1.337	2.631	0.	0.681	0.825	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.729								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	11	0.07	0.084	0.15	0.04	0.001	0.036	0.042	0.06	0.09	0.15

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	12	20.	19.208	30.5	8.	72.566	8.519	8.15	10.25	27.625	30.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	12	25.5	25.	37.	11.	64.364	8.023	12.8	17.5	32.5	36.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	12	10.	11.975	19.	7.3	17.186	4.146	7.51	8.8	16.75	18.7
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	27.5	28.5	40.	20.	44.722	6.687	20.	23.75	35.	39.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	12	105.	107.333	180.	60.	1389.697	37.279	60.	72.25	129.75	171.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	12	7.	7.783	11.6	6.	2.945	1.716	6.09	6.425	9.2	10.91
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	12	1.45	1.992	6.3	0.6	2.301	1.517	0.72	1.	2.55	5.19
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	11	6.7	6.675	7.	6.25	0.066	0.258	6.28	6.45	6.97	7.
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	11	6.7	6.607	7.	6.25	0.072	0.268	6.28	6.45	6.97	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	11	0.2	0.247	0.562	0.1	0.022	0.147	0.1	0.107	0.355	0.529
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	12	6.6	6.417	7.2	5.7	0.263	0.513	5.73	5.825	6.7	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	12	6.6	6.164	7.2	5.7	0.333	0.577	5.73	5.825	6.7	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	12	0.251	0.685	1.995	0.063	0.499	0.706	0.068	0.2	1.503	1.872
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	12	24.5	24.167	37.	16.	42.697	6.534	16.	18.25	28.5	35.5
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	12	98.	101.667	126.	86.	167.879	12.957	87.8	92.	109.5	125.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	12	14.	17.	25.	9.	32.909	5.737	9.6	13.	23.5	24.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	9	0.16	0.197	0.43	0.09	0.012	0.109	0.09	0.115	0.26	0.43
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	8	0.56	0.57	0.82	0.35	0.03	0.172	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	9	0.49	0.613	1.02	0.45	0.052	0.229	0.45	0.465	0.805	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	9	0.12	0.13	0.18	0.11	0.001	0.024	0.11	0.11	0.145	0.18
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	17.5	18.2	26.	15.	10.844	3.293	15.	15.75	19.5	25.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	10	3.65	3.59	5.7	1.5	1.41	1.187	1.56	2.925	4.225	5.59
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	2.25	2.24	3.2	1.5	0.32	0.566	1.51	1.675	2.75	3.17
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	9	6.	10.111	35.	2.	122.111	11.05	2.	3.	15.5	35.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	4	22.5	23.75	45.	5.	342.25	18.5	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	14.5	20.3	86.	3.	584.011	24.166	3.3	6.75	19.75	80.2
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	10	828.	1165.4	4460.	245.	1410372.711	1187.591	278.2	676.	1108.	4132.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	10	21.5	32.	77.	9.	509.556	22.573	9.3	16.5	53.	75.2
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	64.	78.6	157.	38.	1302.044	36.084	39.2	54.5	97.5	153.3
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10	21.5	24.7	50.	7.	161.789	12.72	7.4	17.	34.75	48.7
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	16.	15.9	32.	2.	90.989	9.539	2.5	7.75	24.5	31.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	12	12.5	12.667	38.	2.	125.697	11.211	2.	3.	16.	34.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	12	1.088	0.913	1.58	0.301	0.206	0.454	0.301	0.477	1.204	1.535
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.188								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	9	0.09	0.094	0.12	0.07	0.	0.018	0.07	0.08	0.115	0.12

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	11	19.	18.5	29.	7.	78.15	8.84	7.4	9.	27.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	11	20.	23.273	33.	9.	73.218	8.557	10.	16.	31.	32.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	11	17.	24.582	82.	6.8	469.548	21.669	7.36	10.	27.	74.4
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	11	30.	36.364	70.	20.	245.455	15.667	21.	25.	40.	68.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	10	83.5	83.1	110.	41.	515.656	22.708	42.8	67.25	102.25	109.9
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	11	8.2	8.2	11.	5.7	4.28	2.069	5.78	6.2	10.4	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	8	1.	1.163	2.5	0.5	0.471	0.686	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.7	6.543	7.	5.58	0.185	0.43	5.58	6.35	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.7	6.286	7.	5.58	0.26	0.51	5.58	6.35	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.2	0.518	2.63	0.1	0.653	0.808	0.1	0.158	0.474	2.63
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	11	7.	6.745	7.2	5.6	0.311	0.567	5.62	6.7	7.1	7.18
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	11	7.	6.303	7.2	5.6	0.526	0.726	5.62	6.7	7.1	7.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	11	0.1	0.498	2.512	0.063	0.768	0.876	0.066	0.079	0.2	2.409
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	11	22.	20.182	28.	12.	28.564	5.344	12.	15.	24.	27.6
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	11	100.	97.636	124.	62.	409.455	20.235	64.8	80.	114.	123.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	11	18.	21.364	51.	5.	180.255	13.426	5.8	13.	26.	48.8

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### Annual Analysis for 1987 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	12	0.08	0.133	0.43	0.01	0.022	0.149	0.013	0.023	0.188	0.427
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	12	0.3	0.397	1.3	0.06	0.104	0.322	0.102	0.245	0.475	1.108
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	12	0.395	1.001	7.36	0.31	4.024	2.006	0.313	0.345	0.535	5.368
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	12	0.12	0.121	0.21	0.07	0.001	0.037	0.076	0.093	0.143	0.192
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	12	19.	22.75	68.	11.	242.568	15.575	11.3	13.25	23.75	57.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	12	4.6	5.542	15.2	2.2	12.41	3.523	2.41	3.125	7.025	13.07
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	12	1.65	1.767	3.2	1.2	0.348	0.59	1.2	1.325	2.125	2.96
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	12	4.	4.5	14.	1.	12.636	3.555	1.	2.	5.75	11.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	12	8.5	10.75	30.	1.	104.568	10.226	1.	1.5	20.75	28.5
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	6.5	8.083	30.	1.	62.265	7.891	1.	3.	9.	25.2
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	12	934.	1257.333	3288.	559.	645204.788	803.246	568.	742.25	1728.75	2939.1
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	12	8.5	19.333	70.	1.	509.515	22.572	1.	2.	38.	63.4
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	12	74.5	78.667	124.	21.	670.424	25.893	35.4	70.5	94.	121.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	12	7.	8.333	24.	1.	58.242	7.632	1.	1.	15.75	21.9
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	12	6.	12.667	63.	2.	283.879	16.849	2.	3.5	16.5	49.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	11	22.	46.909	282.	7.	6459.091	80.368	7.4	9.	43.	240.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	11	1.342	1.358	2.45	0.845	0.228	0.477	0.867	0.954	1.633	2.333
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			22.807								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	12	0.08	0.083	0.1	0.07	0.	0.01	0.07	0.08	0.09	0.1

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### Annual Analysis for 1988 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	15.75	16.4	30.	6.	64.989	8.062	6.1	9.25	23.25	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	17.5	16.8	34.	2.	97.067	9.852	2.2	9.25	23.75	33.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	10.75	14.04	40.	6.5	107.792	10.382	6.53	7.1	16.75	38.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	30.	41.	140.	25.	1221.111	34.944	25.	28.75	35.	129.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	10	120.	169.2	700.	55.	36444.844	190.905	56.	68.	162.5	648.5
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	9	8.4	8.689	11.	6.4	2.921	1.709	6.4	7.05	10.45	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	9	0.7	0.922	2.3	0.3	0.374	0.612	0.3	0.55	1.25	2.3
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.8	7.044	7.7	6.5	0.153	0.391	6.5	6.8	7.35	7.7
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.8	6.909	7.7	6.5	0.173	0.416	6.5	6.8	7.35	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.158	0.123	0.316	0.02	0.009	0.094	0.02	0.045	0.158	0.316
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	10	6.8	6.89	7.3	6.5	0.07	0.264	6.52	6.7	7.125	7.29
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	10	6.8	6.823	7.3	6.5	0.075	0.274	6.52	6.7	7.125	7.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.158	0.15	0.316	0.05	0.007	0.083	0.051	0.075	0.2	0.305
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	25.	24.4	29.	16.	13.822	3.718	16.5	22.5	26.5	28.9
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	10	102.	105.4	134.	84.	283.6	16.84	84.4	89.5	119.	132.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	10	12.	13.4	46.	2.	152.044	12.331	2.3	5.75	15.	42.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	10	0.09	0.102	0.2	0.01	0.003	0.056	0.014	0.073	0.16	0.196
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.37	0.508	1.28	0.26	0.121	0.347	0.264	0.315	0.57	1.254
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	10	0.42	0.432	0.56	0.36	0.004	0.064	0.361	0.378	0.465	0.555
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.105	0.105	0.14	0.05	0.001	0.026	0.054	0.09	0.13	0.139
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	18.5	18.8	25.	12.	14.844	3.853	12.4	16.	22.	24.7
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	10	4.25	4.7	7.6	3.4	1.296	1.138	3.47	4.175	5.025	7.35
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	1.6	1.8	2.3	1.1	0.176	0.419	1.14	1.575	2.3	2.3
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	8	14.63	16.093	21.4	10.48	17.323	4.162	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10	5.	5.9	15.	1.	18.322	4.28	1.1	2.	8.5	14.5
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10	3.	3.1	6.	1.	2.989	1.729	1.	1.	4.25	5.9
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10	5.5	5.1	12.	1.	14.322	3.784	1.	1.	7.	11.8
01045	IRON, TOTAL (UG/L AS Fe)	03/22/83-12/11/96	10	645.5	733.4	1173.	392.	90820.711	301.365	395.7	467.25	1020.	1171.8
01051	LEAD, TOTAL (UG/L AS Pb)	03/22/83-12/11/96	10	10.5	10.7	36.	1.	108.011	10.393	1.	2.5	14.5	34.
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/22/83-12/11/96	10	68.	73.6	123.	38.	680.711	26.09	39.4	53.5	87.5	121.7
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10	10.5	15.3	50.	1.	274.233	16.56	1.	1.	25.75	48.1
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10	4.	4.9	10.	1.	10.322	3.213	1.	2.5	8.25	9.9

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### Annual Analysis for 1988 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	17.5	32.6	111.	7.	1246.489	35.306	7.1	8.75	107.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	1.243	1.319	2.045	0.845	0.174	0.417	0.851	0.941	2.031
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		20.827								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	10	0.075	0.078	0.12	0.05	0.	0.02	0.051	0.068	0.118

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### Annual Analysis for 1989 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	18.5	18.05	26.	9.	35.414	5.951	9.25	11.875	25.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	26.	25.8	32.	16.	29.733	5.453	16.5	21.75	31.9
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	22.	27.56	82.	7.6	498.247	22.321	7.64	11.75	78.3
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	50.	46.5	70.	25.	228.056	15.102	25.	32.5	69.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	9	105.	108.333	140.	80.	362.5	19.039	80.	95.	140.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	10	7.4	7.72	10.2	6.2	1.904	1.38	6.2	6.575	10.13
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	9	1.	0.9	2.1	0.2	0.348	0.589	0.2	0.45	2.1
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.9	6.878	7.1	6.6	0.024	0.156	6.6	6.75	7.1
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.9	6.852	7.1	6.6	0.025	0.159	6.6	6.75	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.126	0.141	0.251	0.079	0.003	0.054	0.079	0.1	0.251
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	10	6.75	6.81	7.3	6.6	0.039	0.197	6.61	6.7	7.26
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	10	6.747	6.778	7.3	6.6	0.04	0.2	6.61	6.7	7.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.179	0.167	0.251	0.05	0.003	0.056	0.058	0.126	0.246
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	23.	23.2	28.	20.	8.4	2.898	20.	20.75	27.9
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	10	124.	133.	246.	104.	1684.667	41.045	104.6	111.5	235.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	10	24.	40.2	154.	8.	1904.622	43.642	8.1	16.5	145.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	10	0.035	0.04	0.09	0.01	0.001	0.025	0.01	0.018	0.087
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.39	0.45	0.96	0.14	0.07	0.264	0.14	0.23	0.936
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	10	0.365	0.396	0.71	0.21	0.03	0.173	0.212	0.253	0.704
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.09	0.099	0.2	0.06	0.002	0.043	0.06	0.068	0.194
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	22.	21.1	24.	18.	5.878	2.424	18.	18.	23.9
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	10	4.85	5.07	6.2	3.8	0.705	0.839	3.86	4.4	6.18
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	2.15	2.23	3.1	1.9	0.109	0.33	1.91	2.075	3.02
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	9	11.72	13.071	20.71	10.52	13.556	3.682	10.52	10.64	20.71
00937	POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	9	2.72	2.698	3.59	2.	0.273	0.522	2.	2.18	3.59
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10 ##	5.	6.5	20.	5.	22.5	4.743	5.	5.	18.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	5.	7.2	26.	1.	48.178	6.941	1.4	5.	24.4
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	12.	12.9	19.	5.	29.433	5.425	5.	8.75	19.
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	10	960.5	1194.	3415.	521.	702766.	838.311	531.9	684.75	3218.5
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	10 ##	15.	21.	60.	14.	213.556	14.614	14.1	15.	57.1
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	121.5	132.	399.	58.	9884.	99.418	58.2	66.75	373.1
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	14.1	15.	6.	8.1	2.846	6.9	15.	15.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	5.5	9.15	33.	2.5	87.725	9.366	2.5	12.75	31.2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	38.	120.333	580.	12.	38522.5	196.271	12.	12.	580.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	1.58	1.646	2.763	1.079	0.375	0.612	1.079	1.079	2.763
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		44.298								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	10	0.08	0.074	0.12	0.04	0.001	0.023	0.041	0.058	0.117

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### Annual Analysis for 1990 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	12	19.	18.875	31.	7.	65.915	8.119	8.05	11.	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	12	22.5	20.833	30.	6.	63.242	7.953	7.5	14.	30.

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### Annual Analysis for 1990 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	12	14.5	20.317	62.	7.3	268.758	16.394	7.66	11.25	23.	56.6
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	12	40.	70.	320.	20.	7222.727	84.987	21.5	30.	65.	266.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	12	80.	88.75	140.	55.	855.114	29.242	56.5	62.5	117.5	137.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	12	7.2	7.758	11.	4.7	3.641	1.908	5.12	6.4	9.55	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	10	0.7	1.1	3.9	0.3	1.116	1.056	0.31	0.475	1.325	3.65
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	12	6.85	6.833	7.1	6.4	0.044	0.21	6.46	6.7	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	12	6.847	6.783	7.1	6.4	0.047	0.217	6.46	6.7	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	12	0.142	0.165	0.398	0.079	0.008	0.091	0.079	0.1	0.2	0.354
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	12	6.95	7.05	7.4	6.7	0.066	0.258	6.7	6.9	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	12	6.947	6.984	7.4	6.7	0.071	0.267	6.7	6.9	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	12	0.113	0.104	0.2	0.04	0.003	0.057	0.04	0.05	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	12	22.	21.583	26.	14.	12.811	3.579	14.6	20.25	24.	25.7
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	11	88.	95.091	168.	64.	701.091	26.478	66.8	80.	98.	154.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	11	19.	25.545	94.	8.	537.073	23.175	9.6	17.	23.	80.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	12	0.055	0.06	0.15	0.005	0.001	0.038	0.01	0.033	0.085	0.132
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	12	0.27	0.282	0.56	0.06	0.017	0.13	0.084	0.195	0.34	0.518
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	12	0.39	0.371	0.46	0.17	0.006	0.08	0.206	0.338	0.425	0.457
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	12	0.07	0.071	0.14	0.025	0.001	0.029	0.03	0.06	0.08	0.128
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	12	18.	19.333	26.	15.	16.061	4.008	15.	16.	23.	25.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	12	3.9	4.4	6.2	3.1	1.271	1.127	3.19	3.6	5.675	6.17
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	12	1.95	2.083	2.9	1.7	0.143	0.379	1.7	1.8	2.375	2.78
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	12	10.515	10.519	15.26	6.03	10.644	3.262	6.048	7.338	13.98	15.113
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	12	2.59	2.741	4.78	2.04	0.522	0.723	2.076	2.295	2.925	4.273
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	12 ##	5.	5.917	16.	5.	10.083	3.175	5.	5.	5.	12.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	12 ##	10.	11.667	34.	5.	97.152	9.857	5.	5.	10.75	32.8
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12 ##	5.	9.583	28.	5.	58.811	7.669	5.	5.	13.75	25.6
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	12	791.	999.833	2213.	495.	261933.061	511.794	495.9	663.75	1384.	1988.3
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	12 ##	15.	16.583	34.	15.	30.083	5.485	15.	15.	15.	28.3
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	12	80.	84.25	173.	52.	1021.841	31.966	52.3	65.75	90.75	152.3
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	12 ##	5.	17.333	138.	5.	1452.424	38.111	5.	5.	10.25	100.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	12	34.	108.833	510.	2.	25981.424	161.188	6.5	17.	112.75	468.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	12	1.531	1.637	2.708	0.301	0.425	0.652	0.58	1.23	2.05	2.666
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.383								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	12	0.05	0.053	0.08	0.025	0.	0.016	0.03	0.04	0.07	0.077

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	8	18.5	17.75	25.	9.	30.214	5.497	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	23.	22.2	33.	11.	66.844	8.176	11.	14.75	28.75	32.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	14.	17.1	49.	5.3	162.942	12.765	5.42	7.775	21.25	46.6
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	40.	46.	70.	35.	132.222	11.499	35.	38.75	52.5	69.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	8	75.	81.25	110.	50.	641.071	25.319	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	8	7.35	7.588	9.9	6.	1.721	1.312	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	6	0.85	0.85	1.1	0.6	0.051	0.226	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	8	6.75	6.8	7.	6.6	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	8	6.747	6.778	7.	6.6	0.023	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	8	0.179	0.167	0.251	0.1	0.003	0.055	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	10	6.85	6.81	7.2	6.4	0.083	0.288	6.4	6.55	7.025	7.19
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	10	6.825	6.724	7.2	6.4	0.091	0.302	6.4	6.55	7.025	7.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.15	0.189	0.398	0.063	0.016	0.126	0.065	0.095	0.288	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	19.5	19.9	26.	14.	14.989	3.872	14.3	17.	23.5	25.9
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	10	85.	94.4	156.	70.	726.933	26.962	70.	71.5	107.5	152.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	10	18.	21.5	50.	7.	184.5	13.583	7.3	12.25	28.5	48.9

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### Annual Analysis for 1991 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	10	0.04	0.055	0.15	0.01	0.003	0.052	0.01	0.01	0.093	0.148
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.34	0.335	0.54	0.15	0.012	0.11	0.159	0.255	0.408	0.529
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	10	0.34	0.339	0.5	0.13	0.009	0.097	0.146	0.298	0.388	0.494
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.045	0.047	0.09	0.01	0.001	0.025	0.011	0.028	0.065	0.089
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	21.5	22.1	31.	15.	31.433	5.607	15.	16.5	27.25	30.7
00916	CALCIUM, TOTAL (MG/L AS CA)	03/22/83-12/11/96	10	5.25	5.15	8.9	2.2	4.385	2.094	2.26	3.025	6.825	8.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	1.9	2.25	4.8	1.2	1.025	1.012	1.25	1.7	2.725	4.6
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	10	7.26	7.771	13.8	4.99	7.049	2.655	4.994	5.533	9.13	13.36
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	1.995	2.034	2.54	1.69	0.055	0.235	1.704	1.875	2.148	2.509
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10 ##	5.	10.8	30.	5.	86.4	9.295	5.	5.	16.	29.5
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	10	938.5	929.3	1362.	274.	90921.567	301.532	310.6	847.	1156.75	1345.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	10 ##	15.	17.8	43.	15.	78.4	8.854	15.	15.	15.	40.2
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	79.	80.	115.	42.	702.889	26.512	43.2	56.25	105.	114.3
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	19.3	58.	15.	184.9	13.598	15.	15.	15.	53.7
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	25.	143.35	1000.	1.	93713.225	306.126	1.8	10.125	136.	917.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	1.398	1.51	3.	0.	0.665	0.816	0.095	1.004	2.129	2.924
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			32.329								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	10	0.035	0.035	0.06	0.01	0.	0.017	0.01	0.025	0.045	0.06

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### Annual Analysis for 1992 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	9	18.	17.722	26.	10.	39.569	6.29	10.	11.	23.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	21.5	21.4	34.	7.	45.822	6.769	8.1	18.75	24.25	33.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	9.8	11.57	32.	5.7	54.531	7.385	5.92	8.275	11.25	30.
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	35.	36.	60.	20.	137.778	11.738	20.5	28.75	42.5	59.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	9	100.	97.778	110.	70.	238.194	15.434	70.	85.	110.	110.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	9	8.4	8.744	12.4	6.8	2.958	1.72	6.8	7.35	9.7	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	9	0.6	0.499	0.8	0.04	0.068	0.261	0.04	0.275	0.7	0.8
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.8	6.744	7.	6.3	0.053	0.23	6.3	6.55	6.9	7.
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.8	6.684	7.	6.3	0.057	0.239	6.3	6.55	6.9	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.158	0.207	0.501	0.1	0.017	0.131	0.1	0.126	0.284	0.501
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	10	6.85	6.87	7.1	6.7	0.018	0.134	6.7	6.775	7.	7.09
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	10	6.847	6.852	7.1	6.7	0.018	0.135	6.7	6.775	7.	7.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.142	0.141	0.2	0.079	0.002	0.041	0.081	0.1	0.169	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	24.	23.4	28.	19.	7.6	2.757	19.1	20.75	25.25	27.8
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	9	100.	97.556	110.	84.	76.778	8.762	84.	89.	104.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	9	18.	18.222	33.	3.	62.194	7.886	3.	15.5	21.5	33.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	10	0.035	0.05	0.13	0.01	0.002	0.043	0.01	0.018	0.087	0.128
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.445	0.399	0.6	0.17	0.02	0.142	0.175	0.28	0.495	0.594
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	10	0.38	0.392	0.68	0.25	0.017	0.131	0.252	0.285	0.478	0.662
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.045	0.043	0.07	0.01	0.	0.021	0.011	0.02	0.06	0.069
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	17.5	32.4	179.	6.	2686.933	51.836	6.1	13.75	23.25	163.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	10	4.25	10.26	63.4	2.9	349.834	18.704	2.91	3.6	5.85	57.69
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	2.1	2.38	5.1	1.7	0.953	0.976	1.72	1.975	2.325	4.83
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	12.845	12.45	24.8	2.36	48.809	6.986	2.38	7.068	17.268	24.268
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	3.235	3.359	5.02	1.91	1.016	1.008	1.964	2.518	4.05	5.01
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10 ##	15.	13.	15.	10.	6.667	2.582	10.	10.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10 ##	5.	8.7	19.	5.	27.567	5.25	5.	5.	13.5	18.6
01045	IRON, TOTAL (UG/L AS Fe)	03/22/83-12/11/96	10	723.5	846.3	1571.	168.	188406.9	434.059	207.3	594.75	1209.5	1564.4
01051	LEAD, TOTAL (UG/L AS Pb)	03/22/83-12/11/96	10 ##	15.	22.5	67.	15.	296.722	17.226	15.	15.	20.75	64.1

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### Annual Analysis for 1992 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055 MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	70.5	86.4	181.	50.	1999.6	44.717	50.3	58.25	102.5	178.4
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	14.	15.	10.	4.444	2.108	10.	13.75	15.	15.
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10 ##	5.	9.4	34.	5.	84.489	9.192	5.	5.	12.25	31.9
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	33.	77.444	470.	5.	22124.028	148.741	5.	7.	57.5	470.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	9	1.519	1.443	2.672	0.699	0.385	0.62	0.699	0.827	1.745	2.672
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			27.708								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	10	0.03	0.034	0.07	0.01	0.	0.017	0.011	0.02	0.043	0.068

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### Annual Analysis for 1993 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	6	17.	17.167	29.	7.	79.367	8.909	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	6	22.	21.667	33.	7.	109.467	10.463	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	6	16.5	17.55	38.	5.3	122.815	11.082	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	6	32.5	49.167	120.	30.	1264.167	35.555	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	6	70.	78.333	140.	30.	1656.667	40.702	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	6	7.95	8.383	10.7	6.4	3.846	1.961	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	5	0.5	0.54	1.	0.25	0.102	0.319	**	**	**	**
00400 PH (STANDARD UNITS)	03/22/83-12/11/96	6	6.85	6.867	7.	6.8	0.007	0.082	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	6	6.847	6.861	7.	6.8	0.007	0.082	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	6	0.142	0.138	0.158	0.1	0.001	0.024	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	6	6.85	6.9	7.4	6.5	0.088	0.297	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	6	6.847	6.824	7.4	6.5	0.095	0.308	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	6	0.142	0.15	0.316	0.04	0.009	0.093	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	6	19.5	20.5	26.	14.	19.5	4.416	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	6	93.	91.	108.	66.	193.2	13.9	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	6	26.5	24.5	39.	10.	150.7	12.276	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	6	0.035	0.038	0.06	0.03	0.	0.012	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	6	0.28	0.302	0.72	0.05	0.059	0.244	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	6	0.355	0.403	1.1	0.01	0.14	0.375	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	6	0.045	0.048	0.07	0.03	0.	0.015	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	6	19.	18.333	25.	8.	42.667	6.532	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	6	4.7	4.533	7.3	1.1	5.391	2.322	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	6	1.6	1.717	2.6	1.2	0.242	0.492	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	6	8.41	15.937	50.	5.31	294.439	17.159	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	6	2.41	2.302	3.82	0.92	0.974	0.987	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	6 ##	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	6 ##	9.	12.167	25.	5.	76.167	8.727	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	6	758.	717.333	902.	479.	24747.467	157.313	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	6 ##	15.	23.5	50.	15.	209.5	14.474	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	6	72.	77.5	150.	37.	1462.7	38.245	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	6 ##	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	6 ##	19.	23.167	64.	5.	489.767	22.131	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	6	56.5	93.	290.	15.	10584.	102.879	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	6	1.711	1.763	2.462	1.176	0.214	0.463	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			57.956								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	6	0.04	0.037	0.05	0.02	0.	0.01	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	19.	18.9	29.	9.	51.211	7.156	9.	12.	24.75	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	23.	22.1	33.	10.	60.767	7.795	10.4	14.75	29.	32.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	16.	17.25	38.	9.5	69.069	8.311	9.55	10.75	19.	36.4
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	40.	40.5	50.	25.	85.833	9.265	25.5	33.75	50.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	10	100.	104.7	160.	70.	795.344	28.202	70.	81.25	127.75	157.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	10	7.6	8.16	10.8	6.3	2.847	1.687	6.31	6.475	9.925	10.72
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	10	1.	1.065	1.8	0.25	0.216	0.464	0.295	0.775	1.5	1.77
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	10	6.85	6.86	7.2	6.5	0.032	0.178	6.53	6.8	6.925	7.18
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	10	6.847	6.827	7.2	6.5	0.033	0.181	6.53	6.8	6.925	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.142	0.149	0.316	0.063	0.004	0.066	0.067	0.119	0.158	0.3
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	10	7.1	7.11	7.4	6.9	0.023	0.152	6.9	6.975	7.2	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	10	7.1	7.087	7.4	6.9	0.024	0.154	6.9	6.975	7.2	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.079	0.082	0.126	0.04	0.001	0.028	0.042	0.063	0.106	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	22.	22.2	25.	21.	1.733	1.317	21.	21.	23.	24.8
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	10	103.	103.4	144.	80.	359.156	18.951	80.6	86.	112.5	141.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	10	24.	24.2	49.	2.	160.4	12.665	3.2	17.75	29.	47.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	10	0.03	0.049	0.1	0.02	0.001	0.031	0.02	0.028	0.078	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	10	0.27	0.276	0.45	0.05	0.011	0.107	0.065	0.23	0.34	0.442
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	10	0.43	0.495	0.98	0.11	0.067	0.258	0.129	0.308	0.69	0.954
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	10	0.055	0.059	0.13	0.03	0.001	0.028	0.031	0.04	0.07	0.124
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	21.5	21.	25.	16.	10.	3.162	16.	19.	23.5	25.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	10	5.	4.86	5.7	3.7	0.472	0.687	3.73	4.225	5.425	5.68
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	10	2.05	2.18	2.8	1.4	0.231	0.48	1.43	1.85	2.725	2.8
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	11.235	12.606	21.02	9.71	11.689	3.419	9.762	10.305	13.903	20.42
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	2.23	2.307	2.78	1.71	0.126	0.355	1.742	2.068	2.648	2.772
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10 ##	5.	7.	25.	5.	40.	6.325	5.	5.	5.	23.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	15.	16.	25.	15.	10.	3.162	15.	15.	15.	24.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10 ##	8.	11.3	26.	5.	68.456	8.274	5.	5.	17.5	25.9
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	10	898.	1004.5	2178.	555.	214772.278	463.435	566.	695.	1113.75	2090.1
01051	LEAD, TOTAL (UG/L AS Pb)	03/22/83-12/11/96	10 ##	25.	30.	50.	25.	111.111	10.541	25.	25.	31.25	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	85.5	99.2	182.	56.	1435.289	37.885	57.3	75.75	115.25	178.4
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10 ##	15.	16.	25.	15.	10.	3.162	15.	15.	15.	24.
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10 ##	5.	8.6	25.	5.	46.267	6.802	5.	5.	11.5	24.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	10	22.	64.2	380.	7.	12851.511	113.365	7.1	11.75	61.5	349.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	10	1.331	1.451	2.58	0.845	0.279	0.528	0.851	1.061	1.784	2.511
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	10		28.271								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	10	0.04	0.044	0.07	0.02	0.	0.013	0.022	0.04	0.05	0.068

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### Annual Analysis for 1995 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	9	14.5	15.778	25.	8.	45.132	6.718	8.	9.	22.25	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	9	23.	19.222	29.	4.	98.944	9.947	4.	8.	28.5	29.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	9	18.	26.822	72.	7.3	407.332	20.182	7.3	13.55	37.5	72.
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	9	50.	55.556	120.	35.	696.528	26.392	35.	37.5	60.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	9	91.	87.778	151.	50.	871.194	29.516	50.	62.	97.	151.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	9	9.4	8.689	10.2	6.7	1.941	1.393	6.7	7.25	9.9	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	8	0.85	0.85	1.3	0.4	0.117	0.342	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.6	6.577	6.9	6.1	0.086	0.294	6.1	6.3	6.85	6.9
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	9	6.6	6.486	6.9	6.1	0.096	0.309	6.1	6.3	6.85	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.251	0.326	0.794	0.126	0.053	0.23	0.126	0.142	0.501	0.794
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	9	6.6	6.822	7.4	6.5	0.132	0.363	6.5	6.5	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	9	6.6	6.712	7.4	6.5	0.146	0.382	6.5	6.5	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.251	0.194	0.316	0.04	0.014	0.119	0.04	0.065	0.316	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	9	22.	21.444	29.	12.	26.528	5.151	12.	18.5	25.5	29.

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### Annual Analysis for 1995 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	7	94.	96.571	128.	80.	238.286	15.437	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	7	22.	24.	46.	13.	137.	11.705	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	6 ##	0.01	0.02	0.05	0.01	0.	0.017	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	6	0.305	0.345	0.53	0.28	0.009	0.094	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	6	0.41	0.412	0.5	0.34	0.004	0.06	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	6	0.045	0.04	0.07	0.01	0.001	0.025	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	6	15.5	15.5	27.	8.	41.9	6.473	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	5	3.4	3.9	7.5	2.2	4.59	2.142	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	5	1.7	1.6	2.1	0.6	0.355	0.596	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	6	8.655	7.935	13.78	0.39	22.518	4.745	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	6	2.205	2.047	2.89	0.73	0.518	0.72	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	5 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	5 ##	15.	15.	15.	15.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	5 ##	5.	9.	18.	5.	34.5	5.874	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	5	851.	882.	1054.	705.	19243.	138.719	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	5 ##	25.	31.2	56.	25.	192.2	13.864	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	5	64.	69.8	91.	53.	344.7	18.566	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	5 ##	15.	15.	15.	15.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	5 ##	5.	8.2	16.	5.	23.7	4.868	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	8	37.	66.875	280.	13.	7718.982	87.858	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	8	1.568	1.625	2.447	1.114	0.16	0.4	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			42.194							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	6	0.035	0.035	0.07	0.01	0.001	0.023	**	**	**

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### Annual Analysis for 1996 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	15.9	16.46	27.1	7.	53.576	7.32	7.2	9.6	22.475
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	10	23.	20.6	32.	4.	85.378	9.24	4.4	13.25	26.75
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	10	22.95	28.19	70.6	7.6	395.19	19.879	8.31	14.925	38.65
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	10	50.	53.5	120.	25.	728.056	26.983	25.5	33.75	62.5
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	10	90.5	92.1	127.	55.	757.656	27.526	55.	64.75	118.5
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	10	8.85	9.05	12.4	6.8	2.772	1.665	6.85	7.45	10.125
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	8	0.55	0.613	1.1	0.2	0.081	0.285	**	**	**
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	10	6.465	6.474	6.8	5.9	0.091	0.302	5.921	6.298	6.755
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	10	6.46	6.37	6.8	5.9	0.103	0.322	5.921	6.298	6.755
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	10	0.347	0.426	1.259	0.158	0.121	0.348	0.158	0.176	0.521
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	9	7.	7.067	7.5	6.8	0.045	0.212	6.8	6.9	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	9	7.	7.026	7.5	6.8	0.047	0.216	6.8	6.9	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	9	0.1	0.094	0.158	0.032	0.002	0.039	0.032	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	9	25.	23.556	31.	15.	22.278	4.72	15.	20.	26.5
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	9	100.	112.111	212.	79.	1579.861	39.747	79.	89.	116.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	8	22.5	22.5	32.	13.	33.429	5.782	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	8 ##	0.01	0.068	0.3	0.01	0.01	0.102	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	8	0.405	0.349	0.54	0.05	0.024	0.156	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	8	0.325	0.33	0.6	0.16	0.024	0.154	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	8	0.06	0.059	0.11	0.01	0.001	0.037	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	10	22.5	22.5	29.	17.	13.833	3.719	17.1	19.5	25.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	9	5.8	5.456	7.1	4.	1.195	1.093	4.	4.4	6.25
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	9	2.2	2.233	2.8	1.7	0.13	0.361	1.7	1.9	2.5
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	11	10.97	14.269	31.91	5.74	61.276	7.828	6.356	8.97	18.83
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	11	1.98	2.018	2.63	1.51	0.153	0.391	1.53	1.63	2.38
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10 ##	5.	4.8	5.	3.	0.4	0.632	3.2	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	15.	13.5	15.	0.	22.5	4.743	1.5	15.	15.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10 ##	6.5	9.3	19.	5.	28.233	5.314	5.	5.	13.75

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### Annual Analysis for 1996 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	10	842.5	1059.8	2492.	493.	423677.956	650.905	498.	577.5	1396.75	2425.9
01051 LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	10 ##	50.	42.	50.	5.	290.	17.029	6.	41.25	50.	50.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	10	72.	102.9	280.	50.	5474.322	73.989	51.1	64.	117.75	271.2
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	14.3	15.	8.	4.9	2.214	8.7	15.	15.	15.
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	15.5	17.7	36.	5.	104.456	10.22	5.5	10.75	23.5	35.8
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	38.5	120.5	600.	5.	32589.833	180.527	6.1	28.	148.	562.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	10	1.584	1.732	2.778	0.699	0.349	0.591	0.749	1.43	2.156	2.735
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			53.9								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	8	0.035	0.039	0.08	0.01	0.	0.022	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	46	24.	23.809	31.	12.	19.574	4.424	18.	20.	27.025	29.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	47	29.	26.638	37.	12.5	40.551	6.368	18.	20.	31.5	34.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	47	13.7	20.172	120.	3.5	442.115	21.027	7.14	10.	20.	42.4
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	47	30.	40.957	320.	20.	1826.781	42.741	25.	30.	40.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	45	100.	106.089	185.	55.	930.128	30.498	70.	82.5	126.	152.
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	45	6.8	7.073	10.1	4.7	1.227	1.108	6.	6.4	7.45	9.04
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	39	0.9	1.069	3.9	0.2	0.58	0.762	0.4	0.5	1.4	2.4
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	44	6.8	6.813	7.7	6.3	0.071	0.267	6.5	6.7	6.9	7.15
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	44	6.8	6.743	7.7	6.3	0.076	0.277	6.5	6.7	6.9	7.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	44	0.158	0.181	0.501	0.02	0.01	0.102	0.071	0.126	0.2	0.316
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	46	6.9	6.854	7.4	5.7	0.108	0.329	6.54	6.7	7.025	7.23
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	46	6.9	6.678	7.4	5.7	0.14	0.374	6.54	6.7	7.025	7.23
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	46	0.126	0.21	1.995	0.04	0.106	0.325	0.059	0.095	0.2	0.295
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	46	21.5	22.543	37.	14.	21.365	4.622	17.7	20.	25.25	28.3
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	45	98.	102.111	246.	24.	1080.283	32.868	75.2	86.	113.	133.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	44	21.	27.159	154.	2.	618.974	24.879	11.	15.	31.	47.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	44	0.04	0.068	0.42	0.005	0.005	0.074	0.01	0.02	0.098	0.152
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	42	0.37	0.45	1.3	0.14	0.079	0.282	0.206	0.268	0.49	0.903
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	46	0.36	0.733	16.	0.13	5.335	2.31	0.21	0.29	0.445	0.689
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	46	0.08	0.09	0.2	0.01	0.002	0.045	0.034	0.06	0.12	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	45	18.	22.356	179.	9.	600.689	24.509	12.	14.5	23.	27.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	44	3.95	5.402	63.4	0.4	83.463	9.136	2.	2.25	5.525	7.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	44	2.1	2.236	5.1	1.	0.698	0.835	1.35	1.7	2.675	3.15
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	26	12.6	13.208	24.8	0.39	36.019	6.002	5.499	9.193	17.233	22.288
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	24	2.68	2.728	5.02	0.73	0.91	0.954	1.74	2.03	3.168	4.27
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	36 ###	5.	7.222	33.	1.	52.006	7.212	2.7	5.	5.	17.1
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	33 ###	12.	13.424	45.	1.	99.939	9.997	3.	5.	15.	31.8
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	42	10.	15.595	126.	3.	480.539	21.921	5.	5.	19.	27.4
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	44	865.	1048.068	3625.	168.	531788.623	729.238	445.5	586.	1291.	2151.5
01051	LEAD, TOTAL (UG/L AS Pb)	03/22/83-12/11/96	44	17.5	27.75	77.	1.	368.797	19.204	11.5	15.	43.5	59.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	44	86.5	103.809	399.	21.	3936.625	62.743	46.	67.5	123.75	177.
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	37 ###	15.	15.	58.	1.	79.333	8.907	4.2	15.	15.	20.4
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	37	7.	10.5	33.	1.	66.75	8.17	4.6	5.	13.5	26.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	42	22.	58.548	580.	1.	13107.181	114.487	5.	9.75	44.25	122.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	42	1.342	1.364	2.763	0.	0.32	0.566	0.699	0.989	1.645	2.089
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.1								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-11/11/92	27	65.	346.556	2620.	10.	416421.718	645.307	23.6	44.	458.	1058.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-11/11/92	27	1.813	2.053	3.418	1.	0.405	0.637	1.373	1.643	2.661	2.971
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			112.894								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	46	0.07	0.065	0.15	0.01	0.001	0.032	0.02	0.04	0.08	0.12

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	56	10.75	10.791	16.	6.	6.577	2.565	7.	9.	12.375	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	56	15.5	14.982	26.	2.	41.072	6.409	6.	10.25	19.75	24.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	57	16.	24.502	82.	5.3	377.071	19.418	7.92	12.	33.5	63.2
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	57	40.	49.298	140.	20.	918.249	30.303	25.	30.	60.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	56	70.	74.607	140.	30.	696.279	26.387	41.	55.	96.5	114.9
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	56	9.65	9.691	12.4	7.6	0.943	0.971	8.4	8.9	10.35	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	49	0.8	0.896	2.5	0.2	0.29	0.538	0.3	0.55	1.1	1.8
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	55	6.8	6.692	7.5	5.4	0.17	0.412	6.164	6.5	6.97	7.24
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	55	6.8	6.444	7.5	5.4	0.233	0.482	6.164	6.5	6.97	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	55	0.158	0.36	3.981	0.032	0.399	0.632	0.058	0.107	0.316	0.689
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	57	6.9	6.854	7.5	5.6	0.171	0.414	6.42	6.7	7.1	7.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	57	6.9	6.572	7.5	5.6	0.252	0.502	6.42	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	57	0.126	0.268	2.512	0.032	0.233	0.483	0.05	0.079	0.412
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	57	21.	20.386	31.	11.	23.384	4.836	12.8	17.	27.
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	53	92.	96.698	212.	56.	576.369	24.008	70.	84.	121.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	51	16.	17.824	45.	2.	89.668	9.469	8.	11.	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	48	0.055	0.071	0.22	0.01	0.003	0.054	0.01	0.03	0.154
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	43	0.36	0.406	1.92	0.06	0.072	0.269	0.248	0.31	0.576
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	48	0.395	0.529	7.36	0.01	1.052	1.026	0.067	0.29	0.683
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	47	0.09	0.085	0.21	0.025	0.002	0.041	0.038	0.05	0.134
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	53	17.	18.226	31.	6.	27.486	5.243	10.6	15.5	25.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	52	4.05	4.069	7.6	1.1	2.315	1.521	2.03	3.	6.11
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	53	2.1	2.126	6.3	0.6	0.58	0.761	1.54	1.7	2.8
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	32	10.07	12.275	50.	2.36	84.639	9.2	5.016	6.778	20.927
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	28	2.28	2.322	3.82	1.51	0.235	0.485	1.702	1.995	3.011
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	44 ##	5.	7.114	35.	1.	44.894	6.7	2.5	5.	18.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	39 ##	10.	11.282	30.	1.	48.103	6.936	3.	5.	25.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	46	7.5	12.609	80.	1.	179.532	13.399	4.4	5.	25.
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	53	934.	1254.472	5470.	398.	1221204.831	1105.081	528.6	671.5	3119.6
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	53	18.	30.226	134.	1.	686.448	26.2	5.8	15.	59.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	53	69.	74.491	165.	35.	763.524	27.632	50.	56.5	112.8
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	44 ##	15.	16.364	50.	1.	82.609	9.089	5.5	15.	28.5
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	44	5.	13.455	138.	1.	509.312	22.568	2.25	5.	30.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	53	35.	103.009	600.	2.	21322.37	146.022	11.4	15.5	333.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/22/83-12/11/96	53	1.544	1.645	2.778	0.301	0.32	0.566	1.057	1.19	2.522
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			44.133							
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-11/11/92	29	33.	519.707	12000.	4.5	4896657.67	2212.839	6.	16.	397.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-11/11/92	29	1.519	1.72	4.079	0.653	0.588	0.767	0.778	1.204	2.599
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			52.473							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	48	0.06	0.061	0.15	0.02	0.001	0.027	0.03	0.04	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/83-12/11/96	36	22.5	22.042	28.5	15.	16.163	4.02	15.5	19.	27.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/83-12/11/96	37	28.	26.73	35.	18.	20.758	4.556	20.	22.5	33.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/83-12/11/96	37	16.	19.365	49.	5.3	143.802	11.992	8.74	10.	41.8
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/83-12/11/96	35	35.	38.571	70.	20.	168.487	12.98	25.	30.	60.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/83-12/11/96	35	98.	111.657	700.	45.	11059.408	105.164	56.4	80.	128.2
00300	OXYGEN, DISSOLVED MG/L	03/22/83-12/11/96	35	7.1	7.294	12.4	5.9	1.371	1.171	6.16	6.4	8.52
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-12/11/96	31	1.	1.214	6.3	0.04	1.137	1.066	0.42	0.7	2.02
00400	PH (STANDARD UNITS)	03/22/83-12/11/96	33	6.8	6.854	7.2	6.4	0.04	0.201	6.512	6.8	7.16
00400	CONVERTED PH (STANDARD UNITS)	03/22/83-12/11/96	33	6.8	6.806	7.2	6.4	0.043	0.206	6.512	6.8	7.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	33	0.158	0.156	0.398	0.063	0.007	0.083	0.07	0.1	0.308
00403	PH, LAB, STANDARD UNITS SU	03/22/83-12/11/96	37	6.9	6.876	7.4	6.	0.081	0.284	6.58	6.7	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/83-12/11/96	37	6.9	6.767	7.4	6.	0.093	0.305	6.58	6.7	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/83-12/11/96	37	0.126	0.171	1.	0.04	0.028	0.167	0.063	0.079	0.264
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	37	23.	21.757	29.	13.	13.634	3.692	16.8	19.	26.
00500	RESIDUE, TOTAL (MG/L)	07/21/83-12/11/96	35	98.	98.771	138.	62.	333.182	18.253	75.6	88.	128.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-12/11/96	35	22.	26.143	66.	7.	225.126	15.004	10.8	16.	47.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/83-12/11/96	38	0.06	0.101	0.43	0.01	0.012	0.109	0.019	0.03	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-12/11/96	36	0.315	0.359	1.02	0.05	0.049	0.221	0.057	0.193	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/83-12/11/96	37	0.39	0.387	0.72	0.06	0.021	0.144	0.158	0.315	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-12/11/96	37	0.06	0.073	0.18	0.01	0.002	0.043	0.02	0.04	0.14
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/22/83-12/11/96	37	18.	19.432	68.	9.	91.474	9.564	11.	14.5	25.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/22/83-12/11/96	37	4.1	4.432	15.2	1.4	6.177	2.485	2.	2.4	6.6

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/22/83-12/11/96	37	1.9	1.908	3.2	0.9	0.221	0.47	1.4	1.6	2.2	2.56
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	24	10.68	11.037	16.53	4.99	7.361	2.713	7.295	9.375	13.35	14.895
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	22	2.19	2.362	4.92	0.92	0.612	0.782	1.61	1.953	2.705	3.331
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	30 ##	5.	6.433	35.	1.	39.633	6.296	3.1	5.	5.	9.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	27 ##	11.	10.519	26.	0.	37.413	6.117	1.	5.	15.	15.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	33	7.	12.091	86.	1.	225.21	15.007	1.8	5.	15.5	23.2
01045	IRON, TOTAL (UG/L AS FE)	03/22/83-12/11/96	38	851.5	1137.447	4460.	245.	691686.524	831.677	500.1	651.75	1352.5	1916.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/83-12/11/96	38	19.	24.158	70.	1.	271.65	16.482	5.	15.	30.25	50.9
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/83-12/11/96	38	75.	80.053	280.	19.	1763.078	41.989	38.	61.	91.	112.9
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	30 ##	15.	15.867	50.	1.	80.326	8.963	7.1	15.	15.	24.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	30	8.5	12.933	64.	3.	166.823	12.916	5.	5.	16.	33.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	35	32.	80.8	1000.	1.	30840.635	175.615	3.6	7.	80.	206.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/22/83-12/11/96	35	1.505	1.414	3.	0.	0.448	0.669	0.552	0.845	1.903	2.291
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.959								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-11/11/92	13	131.	251.154	1000.	8.	99812.808	315.932	12.4	22.	384.	913.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-11/11/92	13	2.117	2.015	3.	0.903	0.445	0.667	1.053	1.341	2.578	2.958
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			103.482								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/15/83-12/11/96	37	0.05	0.056	0.12	0.01	0.001	0.027	0.018	0.04	0.08	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0007

NPS Station ID: COSW0007  
 Location: LITTLE CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.712226/ -80.593060

Depth of Water: 4  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LITT  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	17.35	17.35	20.2	14.5	16.245	4.031	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	25.	25.	28.	22.	18.	4.243	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	2.7	2.7	4.4	1.	5.78	2.404	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.5	6.5	6.51	6.49	0.	0.014	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.5	6.5	6.51	6.49	0.	0.014	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.316	0.316	0.324	0.309	0.	0.01	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/08/88-03/07/89	12	30.	35.417	61.	22.	178.265	13.352	22.	23.	45.25	58.6
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/88-03/07/89	12	0.095	0.107	0.25	0.025	0.005	0.074	0.025	0.053	0.13	0.247
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/88-03/07/89	12	0.64	0.733	1.42	0.18	0.118	0.344	0.267	0.493	1.02	1.336
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/88-03/07/89	12 ##	0.01	0.056	0.49	0.01	0.019	0.137	0.01	0.01	0.033	0.358
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/08/88-03/07/89	12	0.105	0.168	0.42	0.06	0.017	0.129	0.063	0.08	0.24	0.417
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/08/88-03/07/89	13	0.04	0.067	0.29	0.025	0.006	0.074	0.025	0.028	0.075	0.226
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/07/89	13	0.05	0.091	0.33	0.02	0.01	0.099	0.02	0.035	0.12	0.306
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	4.8	4.8	5.	4.6	0.08	0.283	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/08/88-04/05/88	2	6.65	6.65	8.9	4.4	10.125	3.182	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/08/88-03/07/89	13	6.8	7.115	9.6	4.8	2.071	1.439	5.16	6.1	8.3	9.56
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/08/88-03/07/89	8	7.	7.325	9.1	6.2	1.274	1.129	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/08/88-03/07/89	13	2.8	2.831	3.7	2.1	0.212	0.461	2.18	2.45	3.1	3.62
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/08/88-03/07/89	8	2.9	2.813	3.5	2.1	0.193	0.439	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/08/88-03/07/89	13	19.	19.308	26.	14.	18.231	4.27	14.4	15.5	23.5	26.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/08/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/08/88-03/07/89	13	25.	24.154	32.	15.	36.141	6.012	15.8	18.	30.	31.6
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/08/88-03/07/89	13	17.	14.769	32.	5.	87.359	9.347	5.	5.	22.	28.8
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/08/88-03/07/89	13	8.6	7.608	13.	2.1	14.841	3.852	2.22	3.15	11.	12.6
01045 IRON, TOTAL (UG/L AS FE)	03/08/88-03/07/89	12	3200.	3752.5	9400.	930.	7441802.273	2727.967	951.	1425.	5975.	8560.
01046 IRON, DISSOLVED (UG/L AS FE)	03/08/88-03/07/89	13	1200.	2559.231	8600.	520.	6133841.026	2476.659	600.	765.	4550.	7080.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/08/88-03/07/89	12	705.	1034.583	3200.	25.	1241397.538	1114.18	26.5	52.5	1875.	3080.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/08/88-03/07/89	13	600.	991.154	3300.	20.	1317500.641	1147.824	22.	50.	1700.	3180.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/08/88-03/07/89	12	105.	142.917	490.	25.	16456.629	128.283	32.5	62.5	167.5	424.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/08/88-03/07/89	13 ##	25.	105.769	810.	25.	45878.526	214.193	25.	25.	80.	538.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/08/88-03/07/89	13	120.	111.231	140.	74.	468.359	21.642	78.8	88.	130.	136.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/88-03/07/89	12	0.095	0.117	0.34	0.04	0.007	0.085	0.046	0.065	0.11	0.307
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	0.66	0.66	0.74	0.58	0.013	0.113	**	**	**	**
82580 TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	8.435	8.435	8.6	8.27	0.054	0.233	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0007

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	1	0.50				1	0	0.00	1	1	1.00			
00400	PH																
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	1	0.50				1	1	1.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0008

NPS Station ID: COSW0008  
 Location: INDIGO FLAT AT BROADWATER CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050110062100.00  
 Description:

LAT/LON: 33.741392/ -80.593060

Depth of Water: 6  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): INDI  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 4.90  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.7	16.7	20.	13.4	21.78	4.667	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	8.95	8.95	12.6	5.3	26.645	5.162	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.69	6.69	6.78	6.6	0.016	0.127	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.681	6.681	6.78	6.6	0.016	0.128	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.209	0.209	0.251	0.166	0.004	0.06	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	105.	105.	120.	90.	450.	21.213	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	12	24.5	24.167	29.	18.	17.424	4.174	18.	20.5	28.	29.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.055	0.066	0.19	0.025	0.002	0.043	0.025	0.05	0.07	0.16
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.51	0.509	0.66	0.34	0.007	0.087	0.361	0.453	0.578	0.642
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12 ##	0.02	0.078	0.48	0.01	0.018	0.134	0.01	0.01	0.108	0.378
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.08	0.078	0.1	0.06	0.	0.013	0.06	0.063	0.09	0.097
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.04	0.039	0.07	0.02	0.	0.016	0.022	0.025	0.055	0.066
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.05	0.064	0.3	0.03	0.005	0.071	0.03	0.04	0.05	0.204
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	4.6	4.6	5.1	4.1	0.5	0.707	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	4.05	4.05	5.3	2.8	3.125	1.768	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	5.6	5.577	6.9	4.3	0.474	0.688	4.58	5.05	6.15	6.66
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	5.4	5.288	7.	4.	0.93	0.964	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	2.3	2.215	2.7	1.6	0.128	0.358	1.68	1.85	2.5	2.66
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	8	2.05	2.05	2.7	1.5	0.191	0.438	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	13	16.	15.323	24.	5.	34.124	5.842	5.88	11.	20.	23.2
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	21.	21.077	32.	12.	47.41	6.886	12.	13.	26.5	30.8
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13	13.	15.	27.	5.	58.333	7.638	5.	8.	21.5	26.6
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	6.6	6.715	12.	2.	11.701	3.421	2.12	4.2	10.45	11.6
01045 IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	1250.	1290.833	2200.	650.	180099.242	424.381	725.	955.	1550.	2080.
01046 IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	830.	876.154	1400.	420.	82075.641	286.488	468.	640.	1150.	1320.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	85.	172.083	500.	25.	24570.265	156.749	29.5	60.	295.	467.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13	120.	160.769	500.	20.	22870.192	151.229	22.	42.5	235.	464.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	12	140.	183.75	680.	25.	28477.841	168.754	41.5	102.5	200.	557.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	90.	123.846	650.	25.	27333.974	165.33	25.	25.	125.	462.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	13	94.	86.154	130.	4.	1276.308	35.725	16.8	66.	115.	126.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.06	0.064	0.11	0.04	0.	0.02	0.043	0.05	0.075	0.104
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	1.765	1.765	1.8	1.73	0.002	0.049	**	**	**	**
82580 TAPDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	6.955	6.955	7.05	6.86	0.018	0.134	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0009

NPS Station ID: COSW0009  
 Location: LAKE MARION  
 Station Type: /TYP/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050104000209.63  
 Description:  
 LMA-002B LAKE MARION

LAT/LON: 33.750005/-80.600004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.390  
 RF3 Mile Point: 10.07

SUMTER COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LMA-002B  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 8.20  
 Distance from RF3: 0.56

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0009

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	29.	23.1	31.	12.	86.05	9.276	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	15.	13.65	21.	6.9	28.135	5.304	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	32.5	34.167	40.	30.	24.167	4.916	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	6.35	6.6	8.9	5.3	1.816	1.348	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	5	1.1	1.08	1.5	0.8	0.072	0.268	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.8	6.733	7.6	5.5	0.471	0.686	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.8	6.198	7.6	5.5	0.815	0.903	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.158	0.634	3.162	0.025	1.538	1.24	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	115.	115.	115.	115.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	14.	15.	21.	12.	12.	3.464	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	48.	49.333	90.	2.	1329.067	36.456	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	40.5	36.167	55.	6.	326.167	18.06	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	5 ##	0.05	0.063	0.14	0.025	0.002	0.044	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	5	0.43	0.406	0.72	0.1	0.06	0.244	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.32	0.318	0.38	0.24	0.002	0.049	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	5 ##	0.025	0.041	0.08	0.025	0.001	0.024	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	720.	590.	810.	50.	81040.	284.675	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	105.	100.	130.	50.	720.	26.833	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.045	0.048	0.08	0.02	0.	0.02	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	7.5	7.167	10.	4.	7.367	2.714	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0009

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400	PH	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		6.5	6	1	0.17	4	1	0.25	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	120.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0010

NPS Station ID: COSW0010      LAT/LON: 33.719448/ -80.600004

Location: BROADWATER CREEK 2.0KM US CONFLUENCE SANTEE RIVE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER

RF1 Index: 03050104001

RF3 Index: 03050104083700.33

Description:

THE SAMPLING SITE IS THE BROADWATER CREEK 2.0 KILOMETERS ABOVE ITS BASIS.

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.610

RF3 Mile Point: 4.51

Agency: 21SCSANT

FIPS State/County: 45085 SOUTH CAROLINA/SUMTER

STORET Station ID(s): SC-003

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 04/14/84

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	343	18.	18.012	31.	5.	56.045	7.486	7.5	11.	25.5	27.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	70	22.	22.779	39.	1.	71.693	8.467	11.05	17.75	30.25	33.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	72	16.	19.456	130.	4.	290.903	17.056	6.16	11.25	22.5	33.4
00077 TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	64	20.	22.969	54.	7.	108.063	10.395	12.	17.	25.75	39.5
00080 COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	70	35.	39.571	100.	20.	214.306	14.639	25.	30.	45.	60.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	340	115.	111.088	205.	39.	1771.355	42.087	50.1	79.	149.75	165.
00200 LIGHT, INCIDENT 400-700NM,INTENSITY,UEINSTEINS/M2/S	02/28/85-10/03/89	44	1230.	1159.159	2250.	125.	256368.323	506.328	310.	942.	1507.5	1795.
00204 DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	02/28/85-10/03/89	43	1.8	1.826	3.1	0.5	0.368	0.606	0.84	1.5	2.4	2.6
00300 OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	343	6.5	6.604	13.8	0.1	7.302	2.702	3.3	4.7	8.6	10.
00310 BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	64	1.2	1.416	4.8	0.3	0.724	0.851	0.5	0.9	1.8	2.3
00400 PH (STANDARD UNITS)	04/13/83-10/03/89	126	6.7	6.703	8.5	5.15	0.155	0.393	6.3	6.5	6.9	7.1
00400 CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	126	6.7	6.452	8.5	5.15	0.218	0.467	6.3	6.5	6.9	7.1
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	126	0.2	0.353	7.079	0.003	0.704	0.839	0.079	0.126	0.316	0.501
00403 PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	72	6.8	6.697	7.3	5.6	0.12	0.347	6.13	6.6	6.9	7.
00403 CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	72	6.8	6.493	7.3	5.6	0.163	0.403	6.13	6.6	6.9	7.
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	72	0.158	0.321	2.512	0.05	0.233	0.482	0.1	0.126	0.251	0.745
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	72	23.	23.653	45.	12.	43.188	6.572	16.	19.	28.	31.
00500 RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	69	106.	106.319	164.	30.	637.014	25.239	76.	90.	125.	136.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	69	12.	13.609	67.	2.	116.595	10.798	5.	7.	16.	28.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	113	0.07	0.098	0.4	0.01	0.007	0.086	0.02	0.05	0.119	0.23
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	92	0.495	0.551	2.16	0.07	0.093	0.305	0.28	0.37	0.703	0.934
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	110	0.22	0.269	2.4	0.01	0.084	0.29	0.05	0.12	0.343	0.469
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	109	0.09	0.093	0.25	0.03	0.001	0.032	0.05	0.07	0.11	0.13
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	69	20.	21.884	53.	9.	75.575	8.693	14.	16.	26.	33.
00916 CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	70	4.5	4.67	14.6	0.5	5.755	2.399	2.11	2.675	6.1	7.59
00927 MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	70	2.2	2.444	6.9	0.8	1.213	1.101	1.51	1.875	2.8	3.09
00929 SODIUM, TOTAL (MG/L AS Na)	03/22/88-10/03/89	17	19.25	18.696	34.41	4.67	50.276	7.091	10.79	13.425	21.485	29.602
00937 POTASSIUM, TOTAL MG/L AS K)	02/14/89-10/03/89	8	2.99	3.078	4.27	2.49	0.373	0.611	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	6	12.	15.333	30.	5.	99.867	9.993	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	07/24/85-10/03/89	46	5.	7.587	34.	1.	52.248	7.228	1.	3.75	8.25	17.3
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-10/03/89	35	5.	10.171	44.	1.	119.734	10.942	1.	4.	12.	27.
01042 COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	58	11.	16.983	116.	1.	592.473	24.341	3.	6.	16.	27.1
01045 IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	71	1062.	1234.465	4780.	366.	606332.367	778.673	491.4	635.	1503.	2304.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051 LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	71	19.	23.585	148.	0.5	504.314	22.457	1.	10.	31.	44.
01055 MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	71	100.	158.761	1100.	24.	33430.682	182.841	36.	58.	203.	314.2
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-10/03/89	47	13.	17.915	106.	1.	382.21	19.55	1.	5.	24.	47.6
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-10/03/89	47	9.	11.649	53.	1.	139.108	11.794	2.	4.	14.	26.6
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	65	22.	34.092	274.	1.	1794.616	42.363	4.	10.5	40.	72.4
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	65	1.342	1.291	2.438	0.	0.246	0.496	0.602	1.021	1.602	1.859
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	65	1.342	1.291	2.438	0.	0.246	0.496	0.602	1.021	1.602	1.859
31673 FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	44	100.	189.295	1204.	1.	60422.399	245.81	8.	14.5	252.75	520.
31673 LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	44	2.	1.846	3.081	0.	0.545	0.739	0.841	1.161	2.403	2.714
31673 GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	44	2.	1.846	3.081	0.	0.545	0.739	0.841	1.161	2.403	2.714
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	62	4.55	7.966	56.2	0.9	107.878	10.386	1.13	2.4	9.9	17.03
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	110	0.06	0.067	0.23	0.01	0.001	0.029	0.04	0.05	0.08	0.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0010

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	72	3	0.04	25	1	0.04	28	2	0.07	19	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	343	48	0.14	111	34	0.31	134	4	0.03	98	10	0.10			
00400 PH	Other-Hi Lim.	9.	126	0	0.00	42	0	0.00	51	0	0.00	33	0	0.00			
	Other-Lo Lim.	6.5	126	37	0.29	42	10	0.24	51	20	0.39	33	7	0.21			
00403 PH, LAB	Other-Hi Lim.	9.	72	0	0.00	25	0	0.00	28	0	0.00	19	0	0.00			
	Other-Lo Lim.	6.5	72	10	0.14	25	4	0.16	28	5	0.18	19	1	0.05			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	110	0	0.00	40	0	0.00	39	0	0.00	31	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	3	0	0.00	3	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	39 &	28	0.72	13	10	0.77	17	12	0.71	9	6	0.67			
	Drinking Water	5.	39 &	24	0.62	13	6	0.46	17	12	0.71	9	6	0.67			
01034 CHROMIUM, TOTAL	Drinking Water	100.	35	0	0.00	13	0	0.00	14	0	0.00	8	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	58	12	0.21	23	3	0.13	21	4	0.19	14	5	0.36			
	Drinking Water	1300.	58	0	0.00	23	0	0.00	21	0	0.00	14	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	71	2	0.03	24	0	0.00	28	2	0.07	19	0	0.00			
	Drinking Water	15.	65 &	43	0.66	22	15	0.68	26	19	0.73	17	9	0.53			
01067 NICKEL, TOTAL	Fresh Acute	1400.	47	0	0.00	17	0	0.00	19	0	0.00	11	0	0.00			
	Drinking Water	100.	47	1	0.02	17	0	0.00	19	1	0.05	11	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	47	0	0.00	17	0	0.00	19	0	0.00	11	0	0.00			
	Drinking Water	5000.	47	0	0.00	17	0	0.00	19	0	0.00	11	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	65	1	0.02	22	0	0.00	26	1	0.04	17	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1980 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	1	34.	34.	34.	34.	0.	0.	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	1	2.	2.	2.	2.	0.	0.	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	1	2019.	2019.	2019.	2019.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	1	30.	30.	30.	30.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	1	36.	36.	36.	36.	0.	0.	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	26	18.	18.673	27.5	11.	35.699	5.975	11.	14.875	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	4	25.	25.25	34.	17.	64.917	8.057	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	6	19.5	20.45	40.	5.7	140.455	11.851	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	6	17.	16.333	24.	9.	28.267	5.317	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	6	30.	30.	45.	20.	70.	8.367	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	27	99.	81.333	126.	39.	1100.692	33.177	40.	45.	105.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	27	5.4	6.048	8.1	1.8	3.438	1.854	2.78	5.2	7.8
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	5	1.2	1.22	2.3	0.5	0.447	0.669	**	**	**
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	10	6.65	6.645	7.1	6.3	0.078	0.279	6.3	6.375	6.887
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	10	6.647	6.571	7.1	6.3	0.084	0.29	6.3	6.375	6.887
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	10	0.225	0.269	0.501	0.079	0.024	0.155	0.081	0.131	0.501
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	6	6.85	6.8	7.	6.6	0.028	0.167	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	6	6.847	6.773	7.	6.6	0.029	0.17	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	6	0.142	0.169	0.251	0.1	0.004	0.066	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	6	20.	18.833	23.	12.	19.767	4.446	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	4	86.	82.5	100.	58.	406.333	20.158	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	4	13.	10.75	14.	3.	27.583	5.252	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	11	0.06	0.063	0.11	0.05	0.	0.018	0.05	0.06	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	4	0.575	0.565	0.71	0.4	0.016	0.128	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	9	0.12	0.141	0.26	0.06	0.004	0.063	0.06	0.1	0.185
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	6	0.085	0.097	0.14	0.07	0.001	0.027	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	6	14.	13.333	18.	9.	11.067	3.327	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	6	1.75	1.7	2.6	0.5	0.68	0.825	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	6	2.15	2.167	2.9	1.4	0.327	0.572	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	6	1345.5	1379.5	2332.	511.	384585.9	620.15	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	6	44.5	44.333	61.	19.	213.467	14.61	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	6	85.5	81.667	125.	32.	2063.467	45.425	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	5	49.	69.	160.	26.	2951.	54.323	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	5	1.69	1.744	2.204	1.415	0.097	0.311	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.503							
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	1	1.	1.	1.	1.	0.	0.	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	9	0.05	0.052	0.07	0.03	0.	0.013	0.03	0.045	0.065

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	62	18.	18.387	28.5	6.5	62.217	7.888	7.4	10.	27.	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	12	20.	22.792	39.	9.	90.794	9.529	9.75	15.5	30.75	37.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	12	20.	24.258	53.	8.1	174.637	13.215	8.97	13.5	33.5	49.1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	11	16.	19.	54.	10.	155.	12.45	10.4	12.	18.	48.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	12	30.	30.417	40.	25.	11.174	3.343	26.5	30.	30.	37.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	62	80.5	80.452	121.	40.	658.514	25.662	49.3	51.	101.	119.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	61	7.9	7.364	13.8	2.6	5.596	2.366	4.7	5.4	8.85	10.44
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	10	0.9	0.97	2.6	0.3	0.44	0.663	0.31	0.475	1.225	2.47
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	21	7.	6.99	7.5	6.5	0.066	0.257	6.52	6.85	7.2	7.28
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	21	7.	6.915	7.5	6.5	0.072	0.268	6.52	6.85	7.2	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	21	0.1	0.122	0.316	0.032	0.007	0.081	0.053	0.063	0.142	0.303
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	12	6.75	6.758	7.1	6.2	0.048	0.219	6.35	6.7	6.875	7.07
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	12	6.747	6.697	7.1	6.2	0.052	0.228	6.35	6.7	6.875	7.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	12	0.179	0.201	0.631	0.079	0.02	0.142	0.086	0.134	0.2	0.502
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	12	19.5	20.083	31.	12.	22.811	4.776	13.2	16.5	23.	28.6
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	12	79.	85.833	136.	64.	396.697	19.917	66.4	73.	90.	128.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	11	9.	11.091	30.	3.	52.891	7.273	3.4	7.	14.	27.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	20	0.085	0.078	0.15	0.02	0.001	0.036	0.031	0.047	0.101	0.122
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	9	0.38	0.487	0.76	0.28	0.042	0.204	0.28	0.295	0.725	0.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	19	0.07	0.124	0.31	0.02	0.011	0.105	0.03	0.04	0.26	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	21	0.08	0.088	0.16	0.04	0.001	0.026	0.054	0.08	0.09	0.134
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	11	15.	17.818	33.	13.	35.964	5.997	13.2	14.	20.	31.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	11	2.2	2.591	5.5	2.	0.997	0.998	2.	2.1	2.7	4.94
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	12	2.3	2.758	6.9	1.8	1.855	1.362	1.86	2.125	2.8	5.79
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	6	9.5	11.5	21.	6.	38.7	6.221	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	12	112.5	1227.417	3045.	366.	656646.629	810.337	381.9	445.	1791.	2737.2
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	12	27.5	35.583	148.	3.	1768.629	42.055	3.6	7.25	34.5	130.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	12	58.	89.333	316.	34.	6396.788	79.98	34.3	38.25	111.75	266.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	11	24.	34.273	94.	4.	833.818	28.876	4.6	10.	60.	89.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	11	1.38	1.369	1.973	0.602	0.184	0.429	0.651	1.	1.778	1.948
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.414								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	9	1.8	1.878	3.8	0.9	0.912	0.955	0.9	1.	2.45	3.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	21	0.06	0.061	0.11	0.01	0.001	0.023	0.024	0.05	0.07	0.096

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	55	21.5	19.564	29.	9.	40.778	6.386	10.2	14.	25.5	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	11	26.	24.	33.	11.	47.4	6.885	12.4	18.	31.	32.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	11	23.	30.291	130.	9.1	1158.089	34.031	9.88	15.	25.	111.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	10	21.5	20.6	30.	9.	32.933	5.739	9.8	17.	24.	29.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	11	45.	44.091	70.	25.	239.091	15.463	26.	30.	50.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	55	101.	109.6	170.	45.	1608.133	40.102	50.	79.	150.	160.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	55	5.5	5.813	9.3	1.1	4.185	2.046	3.12	4.5	7.9	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	10	1.5	1.61	2.3	0.8	0.21	0.458	0.85	1.375	1.925	2.3
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	22	6.75	6.705	7.	6.2	0.043	0.208	6.36	6.5	6.9	6.9
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	22	6.747	6.651	7.	6.2	0.046	0.215	6.36	6.5	6.9	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	22	0.179	0.223	0.631	0.1	0.017	0.132	0.126	0.126	0.316	0.446
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	11	6.7	6.745	7.3	6.1	0.087	0.294	6.2	6.6	6.9	7.24
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	11	6.7	6.645	7.3	6.1	0.098	0.313	6.2	6.6	6.9	7.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	11	0.2	0.226	0.794	0.05	0.039	0.198	0.06	0.126	0.251	0.686
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	11	23.	23.818	45.	14.	66.764	8.171	14.6	18.	26.	41.6
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	11	110.	114.909	138.	84.	437.891	20.926	85.6	96.	136.	137.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	11	16.	20.909	40.	6.	151.491	12.308	6.6	14.	38.	39.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	22	0.085	0.14	0.4	0.02	0.014	0.117	0.023	0.06	0.235	0.352

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### Annual Analysis for 1985 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	22	0.555	0.636	1.28	0.34	0.071	0.266	0.363	0.415	0.805	1.027
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	22	0.305	0.368	2.4	0.09	0.217	0.466	0.12	0.18	0.363	0.428
00665	PHOSPHORUS, TOTAL (MG/L AS P)	22	0.105	0.095	0.15	0.03	0.001	0.033	0.043	0.07	0.12	0.137
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10	17.	19.3	49.	9.	120.233	10.965	9.4	13.75	20.	46.1
00916	CALCIUM, TOTAL (MG/L AS Ca)	11	3.5	4.436	14.6	2.3	11.713	3.422	2.4	2.9	4.1	12.52
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10	2.	1.93	3.	0.8	0.44	0.663	0.82	1.45	2.35	2.95
01027	CADMIUM, TOTAL (UG/L AS CD)	6	17.	15.833	32.	3.	98.967	9.948	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11	18.	36.727	105.	7.	1547.818	39.342	7.2	9.	86.	104.
01045	IRON, TOTAL (UG/L AS FE)	11	1108.	1407.	3050.	427.	978657.8	989.271	449.8	563.	2540.	2994.
01051	LEAD, TOTAL (UG/L AS PB)	11	28.	25.636	49.	10.	145.855	12.077	10.4	14.	30.	47.2
01055	MANGANESE, TOTAL (UG/L AS MN)	11	137.	157.455	495.5	36.	15462.151	124.347	43.2	82.7	203.	437.76
01067	NICKEL, TOTAL (UG/L AS NI)	6	19.	19.667	39.	6.	131.067	11.448	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	6	14.	17.5	33.	8.	94.3	9.711	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	8	24.5	55.625	274.	2.	8067.696	89.82	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	8	1.361	1.381	2.438	0.301	0.375	0.613	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			24.022								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11	4.7	8.582	35.6	0.9	94.052	9.698	1.2	2.8	10.4	31.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	20	0.085	0.076	0.12	0.02	0.001	0.029	0.031	0.06	0.1	0.11

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### Annual Analysis for 1986 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	56	20.5	18.83	31.	7.	64.448	8.028	8.05	10.5	24.	29.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12	25.	24.75	36.	10.	61.659	7.852	12.1	18.25	31.5	35.7
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12	11.5	11.192	18.	4.	21.195	4.604	4.51	7.425	14.	18.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12	23.5	26.5	48.	17.	76.273	8.733	17.	22.25	31.25	44.4
00080	COLOR (PLATINUM-COBALT UNITS)	10	37.5	38.5	70.	25.	183.611	13.55	25.	28.75	42.5	68.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	56	149.	134.821	205.	48.	2107.713	45.91	51.	120.	165.	182.5
00300	OXYGEN, DISSOLVED MG/L	56	5.45	6.116	12.	0.2	9.884	3.144	1.3	4.525	8.75	9.7
00310	BOD, 5 DAY, 20 DEG C MG/L	12	2.05	2.392	4.8	1.1	1.328	1.152	1.13	1.475	3.3	4.5
00400	PH (STANDARD UNITS)	22	6.5	6.495	6.98	5.7	0.127	0.356	5.923	6.297	6.808	6.974
00400	CONVERTED PH (STANDARD UNITS)	22	6.5	6.343	6.98	5.7	0.151	0.388	5.923	6.297	6.807	6.974
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	22	0.316	0.454	1.995	0.105	0.219	0.468	0.106	0.156	0.504	1.294
00403	PH, LAB, STANDARD UNITS SU	12	6.65	6.442	7.	5.6	0.266	0.516	5.66	5.825	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	12	6.647	6.156	7.	5.6	0.355	0.596	5.66	5.825	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12	0.225	0.699	2.512	0.1	0.669	0.818	0.1	0.158	1.503	2.234
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	12	24.	25.75	41.	18.	60.205	7.759	18.3	19.	28.75	40.4
00500	RESIDUE, TOTAL (MG/L)	12	113.	116.167	158.	90.	514.515	22.683	90.	92.5	134.	153.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12	7.5	12.083	27.	3.	66.629	8.163	3.9	7.	21.	26.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11	0.1	0.135	0.4	0.05	0.011	0.103	0.052	0.06	0.15	0.366
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	9	0.56	0.709	1.53	0.32	0.157	0.396	0.32	0.39	0.97	1.53
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11	0.46	0.378	0.56	0.1	0.021	0.146	0.12	0.23	0.47	0.544
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.1	0.112	0.25	0.04	0.003	0.059	0.04	0.08	0.15	0.23
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10	20.5	25.	53.	16.	121.333	11.015	16.1	18.5	28.75	50.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	10	5.05	5.34	10.2	2.5	4.554	2.134	2.64	3.9	6.475	9.88
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10	2.25	2.84	6.6	1.6	2.38	1.543	1.61	2.	3.35	6.38
01027	CADMIUM, TOTAL (UG/L AS CD)	9	7.	7.556	22.	1.	39.778	6.307	1.	2.5	9.5	22.
01042	COPPER, TOTAL (UG/L AS CU)	10	11.5	21.7	116.	5.	1116.456	33.413	5.2	7.75	18.	106.2
01045	IRON, TOTAL (UG/L AS FE)	10	931.5	1382.8	4780.	532.	175115.733	1323.297	542.3	694.25	1390.75	4558.
01051	LEAD, TOTAL (UG/L AS PB)	10	28.	27.4	41.	10.	118.933	10.906	10.5	16.5	38.25	40.8
01055	MANGANESE, TOTAL (UG/L AS MN)	10	221.5	319.5	1100.	39.	113214.944	336.474	40.1	62.	515.75	1052.
01067	NICKEL, TOTAL (UG/L AS NI)	10	17.5	25.9	57.	5.	389.211	19.728	5.5	10.75	50.25	56.4
01092	ZINC, TOTAL (UG/L AS ZN)	10	10.	14.7	53.	3.	221.789	14.893	3.1	4.	19.75	49.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	9.5	17.667	53.	1.	352.606	18.778	1.3	4.25	31.	52.7
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12	0.962	0.98	1.724	0.	0.297	0.545	0.09	0.626	1.484	1.722

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### Annual Analysis for 1986 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			9.559								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	12	8.9	10.292	33.4	2.3	77.201	8.786	2.45	3.65	13.1	28.93
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	11	0.07	0.084	0.23	0.02	0.003	0.058	0.024	0.04	0.11	0.208

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### Annual Analysis for 1987 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	58	15.	17.052	28.5	6.	71.234	8.44	6.	8.875	26.	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	12	20.	22.583	33.	9.	72.447	8.512	9.9	15.25	31.	32.7
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	12	17.	20.492	63.	6.3	221.614	14.887	6.99	13.25	20.	53.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	12	19.	21.	42.	7.	75.636	8.697	9.1	17.25	24.5	38.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	12	37.5	37.917	60.	20.	129.356	11.373	21.5	30.	47.5	57.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	58	104.	108.328	200.	41.	1802.084	42.451	47.7	70.	150.	161.4
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	58	8.25	7.348	10.8	0.1	7.465	2.732	3.79	5.05	9.8	10.13
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	10	0.9	1.05	2.	0.5	0.283	0.532	0.5	0.65	1.625	1.97
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	19	6.6	6.407	6.9	5.15	0.23	0.48	5.21	6.3	6.7	6.9
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	19	6.6	6.008	6.9	5.15	0.398	0.631	5.21	6.3	6.7	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	19	0.251	0.982	7.079	0.126	4.002	2.	0.126	0.2	0.501	6.166
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	12	6.7	6.633	7.1	5.7	0.219	0.468	5.7	6.6	7.	7.07
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	12	6.7	6.329	7.1	5.7	0.32	0.566	5.7	6.6	7.	7.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	12	0.2	0.469	1.995	0.079	0.512	0.715	0.086	0.1	0.251	1.995
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	12	21.5	22.75	35.	13.	60.75	7.794	13.	16.	30.75	34.4
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	11	110.	102.909	160.	30.	1113.891	33.375	40.8	88.	122.	155.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	12	11.	15.667	67.	5.	277.879	16.67	5.6	8.	16.	52.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	17	0.06	0.116	0.37	0.01	0.013	0.113	0.01	0.035	0.17	0.354
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	17	0.4	0.559	2.16	0.07	0.231	0.481	0.19	0.29	0.66	1.232
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	17	0.22	0.234	0.69	0.01	0.027	0.163	0.026	0.12	0.335	0.434
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	17	0.1	0.093	0.13	0.05	0.001	0.025	0.058	0.07	0.115	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	12	23.	23.333	50.	13.	91.879	9.585	13.3	17.25	25.75	43.1
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	12	5.35	5.567	9.4	2.7	2.964	1.722	3.	4.475	6.675	8.59
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	12	1.85	1.967	2.7	1.3	0.221	0.47	1.36	1.55	2.425	2.7
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-10/03/89	12	4.	4.5	13.	1.	12.273	3.503	1.	1.5	5.	11.8
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	12	7.5	10.25	37.	1.	92.568	9.621	1.6	4.	14.25	30.7
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	12	1267.5	1214.917	2196.	442.	236486.447	486.299	487.9	841.	1523.25	2036.1
01051	LEAD, TOTAL (UG/L AS Pb)	01/27/80-10/03/89	12	1.	8.542	30.	0.5	116.794	10.807	0.65	1.	19.25	27.9
01055	MANGANESE, TOTAL (UG/L AS Mn)	01/27/80-10/03/89	12	124.	190.167	863.	49.	50480.152	224.678	50.5	68.25	237.5	683.3
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-10/03/89	12	4.5	6.5	26.	1.	55.182	7.428	1.	1.	8.	22.7
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-10/03/89	12	13.	16.25	53.	1.	215.659	14.685	1.6	5.25	21.25	47.3
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	12	18.5	27.	112.	3.	858.909	29.307	3.6	8.5	33.5	90.7
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	12	1.266	1.245	2.049	0.477	0.184	0.429	0.544	0.912	1.525	1.918
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			17.577								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	12	4.85	13.45	56.2	1.4	335.685	18.322	1.58	2.475	18.725	52.78
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	17	0.07	0.069	0.11	0.04	0.	0.021	0.04	0.055	0.085	0.102

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### Annual Analysis for 1988 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	42	15.	13.845	31.	5.	41.518	6.443	5.	7.	17.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	10	18.	16.5	32.	1.	102.278	10.113	1.1	8.75	23.5	31.6
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	10	15.5	12.5	18.	4.9	29.191	5.403	4.91	5.825	17.	17.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	5	30.	31.8	54.	18.	213.2	14.601	**	**	**	**

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### Annual Analysis for 1988 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	10	40.	42.	60.	30.	123.333	11.106	30.	33.75	52.5	60.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	42	130.	122.048	185.	62.	1510.144	38.861	72.2	80.75	160.	177.8
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	42	6.8	7.686	12.4	3.8	8.841	2.973	4.	4.7	10.5	12.14
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	9	1.4	1.333	2.3	0.5	0.408	0.638	0.5	0.8	1.9	2.3
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	16	6.8	6.894	8.5	6.3	0.27	0.52	6.37	6.525	7.1	7.66
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	16	6.8	6.721	8.5	6.3	0.302	0.549	6.37	6.525	7.1	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	16	0.158	0.19	0.501	0.003	0.019	0.138	0.036	0.079	0.3	0.429
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	10	6.85	6.84	7.2	6.6	0.034	0.184	6.6	6.675	6.925	7.18
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	10	6.847	6.807	7.2	6.6	0.035	0.187	6.6	6.675	6.925	7.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	10	0.142	0.156	0.251	0.063	0.004	0.062	0.067	0.119	0.212	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	10	26.5	26.9	32.	23.	11.878	3.446	23.	23.75	30.	31.8
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	10	106.	110.2	142.	86.	259.956	16.123	86.6	101.	121.	140.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	10	6.5	9.5	28.	2.	59.833	7.735	2.1	4.5	13.25	26.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	16	0.075	0.092	0.23	0.01	0.005	0.073	0.01	0.028	0.128	0.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	16	0.5	0.513	0.92	0.26	0.029	0.171	0.316	0.385	0.625	0.822
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	16	0.175	0.312	1.76	0.04	0.166	0.408	0.089	0.15	0.333	0.906
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	16	0.095	0.089	0.13	0.03	0.001	0.03	0.044	0.06	0.11	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	10	23.5	23.5	31.	17.	20.5	4.528	17.1	19.5	27.	30.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	10	5.8	5.97	8.3	4.5	1.522	1.234	4.53	4.875	6.85	8.23
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	10	2.15	2.19	3.	1.2	0.33	0.574	1.24	1.675	2.725	2.98
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-10/03/89	10	6.	5.7	11.	1.	10.9	3.302	1.	3.25	8.25	10.8
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	10	4.5	6.3	16.	1.	30.456	5.519	1.	1.	12.25	15.7
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	10	1108.	1028.	1959.	368.	226178.667	475.582	388.1	584.	1304.75	1907.9
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	10	8.	10.7	33.	1.	122.678	11.076	1.	1.	17.75	31.7
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	10	120.	151.8	335.	24.	10344.178	101.706	25.3	65.5	232.	327.4
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-10/03/89	10	10.	22.4	106.	1.	1085.378	32.945	1.	1.	32.	100.1
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-10/03/89	10	3.5	3.9	8.	1.	6.767	2.601	1.	1.75	5.75	8.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	10	21.	29.7	112.	1.	1002.678	31.665	1.8	10.5	35.75	105.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	10	1.318	1.25	2.049	0.	0.291	0.54	0.095	1.02	1.547	2.012
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			17.795								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	8	3.95	5.538	11.8	1.1	19.446	4.41	**	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	16	0.06	0.064	0.13	0.01	0.001	0.028	0.031	0.04	0.087	0.102

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### Annual Analysis for 1989 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	44	20.5	19.352	27.	9.	44.623	6.68	9.5	11.5	26.	26.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	9	24.	24.778	33.	14.	45.694	6.76	14.	19.	31.	33.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	9	15.	16.511	32.	5.8	68.491	8.276	5.8	9.9	22.	32.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	8	27.	28.5	46.	14.	138.857	11.784	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	9	40.	53.333	100.	35.	518.75	22.776	35.	37.5	70.	100.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	40	140.	139.975	170.	110.	299.41	17.303	110.	123.75	150.	166.7
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	44	5.2	5.489	9.6	0.8	6.679	2.584	1.15	4.1	7.875	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	8	0.95	0.937	1.3	0.6	0.048	0.22	**	**	**	**
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	16	6.8	6.809	7.2	6.6	0.026	0.161	6.6	6.7	6.875	7.095
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	16	6.8	6.784	7.2	6.6	0.027	0.164	6.6	6.7	6.875	7.095
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	16	0.158	0.164	0.251	0.063	0.003	0.053	0.081	0.134	0.2	0.251
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	9	6.8	6.756	7.	6.5	0.02	0.142	6.5	6.65	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	9	6.8	6.734	7.	6.5	0.021	0.144	6.5	6.65	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	9	0.158	0.184	0.316	0.1	0.004	0.064	0.1	0.158	0.225	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	9	27.	26.222	30.	19.	11.444	3.383	19.	24.	28.5	30.
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	9	116.	120.444	164.	106.	357.778	18.915	106.	106.	129.	164.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	9	12.	12.889	31.	3.	66.611	8.162	3.	7.	16.	31.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	15	0.05	0.049	0.1	0.01	0.001	0.029	0.01	0.02	0.07	0.094
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	15	0.42	0.399	0.68	0.16	0.028	0.167	0.16	0.26	0.52	0.644

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	15	0.32	0.315	0.47	0.1	0.015	0.123	0.136	0.2	0.42	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	15	0.08	0.085	0.11	0.06	0.	0.018	0.06	0.07	0.11	0.11
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	9	26.	26.889	33.	20.	18.361	4.285	20.	24.	31.	33.
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	9	6.3	6.389	8.2	4.5	1.684	1.298	4.5	5.25	7.7	8.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	9	2.8	2.767	3.2	2.3	0.103	0.32	2.3	2.45	3.05	3.2
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-10/03/89	9###	5.	8.333	34.	5.	92.75	9.631	5.	5.	5.5	34.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-10/03/89	9	13.	12.111	18.	5.	21.111	4.595	5.	8.	16.	18.
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	9	901.	939.778	1399.	497.	76428.694	276.457	497.	744.	1154.5	1399.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	9###	15.	20.667	44.	15.	108.25	10.404	15.	15.	26.	44.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	9	91.	105.222	250.	26.	4056.194	63.688	26.	67.	130.	250.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-10/03/89	9###	15.	18.111	34.	7.	78.361	8.852	7.	15.	23.5	34.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-10/03/89	9	6.	6.833	14.	2.5	17.063	4.131	2.5	2.5	10.	14.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	7	33.	30.857	54.	9.	329.81	18.161	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	7	1.519	1.409	1.732	0.954	0.091	0.301	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			25.67								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	12/13/83-10/03/89	9	5.7	5.822	11.5	2.4	6.779	2.604	2.4	4.	6.8	11.5
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	15	0.06	0.063	0.08	0.05	0.	0.01	0.05	0.05	0.07	0.074

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	112	26.	24.817	31.	15.	13.64	3.693	18.	23.	27.5	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	25	30.	27.42	39.	11.5	44.66	6.683	17.6	21.	32.	34.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	25	15.	19.248	130.	5.	559.872	23.662	6.72	11.5	18.5	23.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	22	23.5	23.909	54.	16.	63.706	7.982	16.3	18.	25.25	30.7
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	25	35.	37.4	80.	20.	181.5	13.472	25.	30.	40.	58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	112	149.	139.563	205.	80.	1108.176	33.289	90.3	108.	161.	179.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	111	4.5	4.323	8.8	0.1	3.794	1.948	1.2	3.3	5.4	6.4
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	21	1.4	1.562	3.8	0.3	0.953	0.976	0.42	0.65	2.3	3.16
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	42	6.7	6.713	7.3	5.7	0.107	0.327	6.33	6.575	6.9	7.17
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	42	6.7	6.557	7.3	5.7	0.132	0.363	6.33	6.575	6.9	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	42	0.2	0.277	1.995	0.05	0.131	0.362	0.068	0.126	0.267	0.47
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	25	6.8	6.744	7.3	5.8	0.118	0.343	6.22	6.65	6.9	7.14
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	25	6.8	6.556	7.3	5.8	0.154	0.393	6.22	6.65	6.9	7.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	25	0.158	0.278	1.585	0.05	0.159	0.399	0.073	0.126	0.225	0.824
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	25	24.	26.48	45.	19.	55.343	7.439	19.	20.	31.	39.8
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	25	106.	106.4	158.	64.	526.	22.935	74.4	89.	124.	136.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	25	13.	14.6	40.	5.	89.667	9.469	6.6	8.	15.	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	39	0.06	0.086	0.4	0.01	0.007	0.082	0.01	0.04	0.101	0.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	32	0.48	0.586	2.16	0.16	0.141	0.375	0.266	0.373	0.775	0.985
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	40	0.235	0.297	2.4	0.01	0.134	0.366	0.091	0.153	0.325	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	38	0.085	0.089	0.15	0.03	0.001	0.03	0.04	0.07	0.11	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	23	20.	20.478	53.	10.	71.079	8.431	13.4	15.	24.	26.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	24	4.3	4.333	10.2	0.5	3.968	1.992	2.2	2.625	5.5	6.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	23	2.2	2.361	6.6	1.	1.069	1.034	1.58	1.9	2.5	2.92
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	24	964.	1108.583	3050.	368.	503464.601	709.552	430.5	615.	1285.	2550.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	24	18.5	21.5	49.	1.	236.87	15.391	1.	6.25	33.5	44.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	24	146.	257.125	1100.	34.	72051.887	268.425	68.5	102.75	249.25	741.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	22	19.	23.955	54.	1.	312.426	17.676	3.3	7.	37.5	52.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/13/83-10/03/89	22	1.276	1.206	1.732	0.	0.217	0.466	0.515	0.845	1.574	1.716
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.061								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-10/03/89	16	207.5	296.813	1204.	12.	101270.163	318.23	12.	73.75	437.5	837.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/15/83-10/03/89	16	2.305	2.163	3.081	1.079	0.398	0.631	1.079	1.867	2.64	2.907
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			145.614								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	40	0.062	0.067	0.13	0.01	0.001	0.028	0.031	0.05	0.08	0.11

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	134	10.	10.052	15.5	5.	8.166	2.858	6.5	7.375	11.5	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	27	17.	15.741	27.	1.	41.046	6.407	7.6	11.	20.	24.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	28	15.5	20.018	63.	4.	249.051	15.781	5.62	7.575	32.	41.3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	25	23.	25.08	54.	7.	201.243	14.186	9.	12.	36.5	46.8
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	28	35.	42.143	100.	25.	306.349	17.503	25.	30.	50.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	134	79.	87.604	170.	39.	1532.271	39.144	45.	51.	115.	160.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	134	9.1	8.861	13.8	3.8	3.451	1.858	6.4	7.975	9.925	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	25	1.2	1.208	2.3	0.5	0.215	0.464	0.6	0.9	1.45	1.88
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	51	6.7	6.611	7.5	5.15	0.177	0.421	6.202	6.4	6.83	7.
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	51	6.7	6.286	7.5	5.15	0.285	0.534	6.202	6.4	6.83	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	51	0.2	0.517	7.079	0.032	1.59	1.261	0.1	0.148	0.398	0.628
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	28	6.7	6.593	7.	5.6	0.162	0.403	5.7	6.6	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	28	6.7	6.344	7.	5.6	0.226	0.476	5.7	6.6	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	28	0.2	0.453	2.512	0.1	0.427	0.654	0.1	0.158	0.251	1.995
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	28	21.5	20.393	30.	12.	24.84	4.984	13.	16.	23.75	28.1
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	28	105.	106.929	164.	30.	926.661	30.441	72.4	90.	133.5	145.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	27	7.	10.741	67.	2.	154.584	12.433	3.	5.	15.	18.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	41	0.07	0.092	0.35	0.01	0.005	0.067	0.032	0.055	0.12	0.208
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	31	0.42	0.464	1.03	0.16	0.035	0.188	0.28	0.32	0.54	0.752
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	39	0.3	0.285	1.76	0.02	0.088	0.297	0.03	0.06	0.41	0.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	41	0.1	0.097	0.25	0.03	0.001	0.038	0.052	0.075	0.12	0.138
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	27	23.	23.519	49.	14.	65.182	8.074	14.	17.	27.	33.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	27	4.5	5.011	14.6	1.2	7.556	2.749	2.	2.9	6.3	7.98
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	28	2.6	2.714	6.9	1.3	1.651	1.285	1.6	2.1	2.875	3.57
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	28	1078.	1287.107	3045.	366.	522818.247	723.062	429.7	800.5	1926.75	2375.8
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	28	25.	29.304	148.	0.5	901.506	30.025	1.	14.25	36.	63.7
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	28	56.	72.571	335.	24.	3509.81	59.244	34.1	37.25	88.25	123.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	26	25.5	46.269	274.	1.	3478.125	58.976	6.7	12.5	53.25	126.4
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	26	1.406	1.412	2.438	0.	0.255	0.505	0.825	1.096	1.726	2.096
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			25.833								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	20	52.	111.6	720.	2.	27246.358	165.065	4.	13.	166.25	244.9
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	20	1.711	1.617	2.857	0.301	0.487	0.698	0.602	1.114	2.221	2.389
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			41.427								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	41	0.07	0.068	0.23	0.01	0.001	0.034	0.04	0.05	0.08	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/83-10/03/89	97	21.5	21.149	29.	14.5	20.168	4.491	15.	16.	25.	26.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/15/83-10/03/89	18	29.	26.889	35.	18.	36.928	6.077	18.9	20.	32.25	34.1
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/13/83-10/03/89	19	18.	18.9	32.	11.	26.501	5.148	14.	15.	23.	26.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/08/83-10/03/89	17	18.	18.647	24.	12.	11.993	3.463	12.8	17.	21.5	24.
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/83-10/03/89	17	40.	38.529	60.	20.	114.89	10.719	24.	30.	47.5	52
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/13/83-10/03/89	94	120.	110.638	170.	41.	1171.653	34.229	51.	85.	130.	160.
00300	OXYGEN, DISSOLVED MG/L	04/13/83-10/03/89	98	5.75	6.102	12.2	1.	3.462	1.861	4.	5.	7.8	8.31
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/83-10/03/89	18	1.2	1.533	4.8	0.5	1.153	1.074	0.68	0.875	1.9	3.45
00400	PH (STANDARD UNITS)	04/13/83-10/03/89	33	6.8	6.833	8.5	6.21	0.159	0.399	6.34	6.575	6.975	7.16
00400	CONVERTED PH (STANDARD UNITS)	04/13/83-10/03/89	33	6.8	6.709	8.5	6.21	0.175	0.418	6.34	6.575	6.975	7.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	33	0.158	0.195	0.617	0.003	0.02	0.142	0.07	0.106	0.267	0.46
00403	PH, LAB, STANDARD UNITS SU	04/13/83-10/03/89	19	6.8	6.789	7.1	6.2	0.045	0.213	6.6	6.6	7.	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/13/83-10/03/89	19	6.8	6.731	7.1	6.2	0.049	0.221	6.6	6.6	7.	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/83-10/03/89	19	0.158	0.186	0.631	0.079	0.015	0.123	0.1	0.1	0.251	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/13/83-10/03/89	19	26.	24.737	31.	12.	30.427	5.516	15.	20.	29.	31.
00500	RESIDUE, TOTAL (MG/L)	07/21/83-10/03/89	16	107.	105.125	136.	72.	375.983	19.39	76.2	86.5	116.	134.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-10/03/89	17	15.	16.706	39.	5.	84.221	9.177	6.6	10.5	20.	32.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/80-10/03/89	33	0.09	0.12	0.4	0.01	0.012	0.108	0.014	0.05	0.14	0.346
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/13/83-10/03/89	29	0.56	0.607	1.53	0.07	0.095	0.309	0.32	0.4	0.735	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/80-10/03/89	31	0.2	0.214	0.47	0.04	0.016	0.125	0.062	0.12	0.32	0.432
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/80-10/03/89	30	0.09	0.092	0.16	0.05	0.001	0.025	0.061	0.07	0.11	0.12
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/80-10/03/89	19	20.	21.263	50.	9.	97.538	9.876	9.	14.	26.	33.
00916	CALCIUM, TOTAL (MG/L AS Ca)	01/27/80-10/03/89	19	4.8	4.611	9.4	1.3	5.747	2.397	2.1	2.4	6.7	8.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/27/80-10/03/89	19	2.1	2.147	4.4	0.8	0.65	0.806	1.2	1.6	2.4	3.2
01045	IRON, TOTAL (UG/L AS FE)	01/27/80-10/03/89	19	1118.	1315.895	4780.	497.	897977.766	947.617	532.	721.	1554.	1870.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/80-10/03/89	19	15.	17.789	56.	1.	214.175	14.635	1.	8.	25.	44.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/80-10/03/89	19	139.	161.526	316.	32.	8212.819	90.625	55.	73.	259.	307.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	17	17.	28.588	112.	2.	919.382	30.321	2.	7.5	33.5	83.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/13/83-10/03/89	17	1.23	1.215	2.049	0.301	0.264	0.514	0.301	0.849	1.525	1.914
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			16.418								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	8	113.5	168.5	470.	1.	36040.	189.842	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/15/83-10/03/89	8	2.052	1.782	2.672	0.	0.793	0.89	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			60.6								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/27/80-10/03/89	29	0.06	0.067	0.11	0.04	0.	0.021	0.04	0.05	0.085	0.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0011

NPS Station ID: COSW0011  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050104138500.41  
 Description:  
 LMA-002M LAKE MARION

LAT/LON: 33.750005/ -80.600004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.390  
 RF3 Mile Point: 0.41

SUMTER COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LMA-002M  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0011

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	29.	23.	31.	11.5	88.875	9.427	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	14.5	13.75	21.	6.6	31.519	5.614	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	30.	32.5	40.	25.	37.5	6.124	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	6.4	6.917	9.	5.3	2.654	1.629	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	6	1.05	1.033	1.6	0.5	0.159	0.398	**	**	**	**
00345 BOD, 25 DAY, 20 DEG C MG/L	09/09/75-08/17/76	6	2.2	2.45	3.8	1.6	0.703	0.838	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.85	6.9	7.6	6.3	0.176	0.42	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.847	6.749	7.6	6.3	0.203	0.451	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.142	0.178	0.501	0.025	0.027	0.166	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	115.	115.	115.	115.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	15.	15.333	21.	12.	11.867	3.445	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	52.	52.333	84.	22.	426.267	20.646	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	34.	36.5	62.	6.	467.1	21.612	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	5	0.08	0.079	0.14	0.025	0.002	0.044	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	5	0.24	0.238	0.39	0.1	0.019	0.138	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.325	0.322	0.39	0.24	0.003	0.055	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	4 ##	0.025	0.039	0.08	0.025	0.001	0.028	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	585.	565.	800.	140.	58230.	241.309	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	105.	218.333	800.	90.	81256.667	285.056	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.045	0.047	0.07	0.02	0.	0.018	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	3.75	3.583	5.	2.	1.842	1.357	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0011

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400	PH	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		6.5	6	1	0.17	4	1	0.25	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	120.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0012

NPS Station ID: COSW0012  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050104138500.41  
 Description:  
 LMA-002S LAKE MARION

LAT/LON: 33.750005/ -80.600004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.390  
 RF3 Mile Point: 0.41

SUMTER COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LMA-002S  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0012

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-08/17/76	3	130.	246.667	592.	18.	92577.333	304.265	**	**	**	**
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-08/17/76	2	133.2	133.2	182.	84.4	4762.88	69.014	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4 ##	0.383	0.665	1.55	0.345	0.348	0.59	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4	6.845	7.033	12.5	1.94	24.493	4.949	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-08/17/76	4 ##	5.4	5.56	7.54	3.9	3.742	1.935	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-08/17/76	4	14.255	280.603	1090.	3.9	291203.361	539.633	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-08/17/76	4	315.85	297.85	505.4	54.3	44573.083	211.123	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4 ##	3.835	3.755	3.9	3.45	0.045	0.212	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-08/17/76	4 ##	16.85	16.95	30.2	3.9	227.097	15.07	**	**	**	**
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	1.028	3.96	0.05	3.822	1.955	**	**	**	**
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.348	1.24	0.05	0.354	0.595	**	**	**	**
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.583	2.18	0.05	1.134	1.065	**	**	**	**
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321 P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.325	1.15	0.05	0.302	0.55	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.105	0.27	0.05	0.012	0.11	**	**	**	**
39343 GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399 ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39531 MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39541 PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39571 DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39581 GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39783 LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787 TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-08/17/76	4 ##	0.1	0.125	0.25	0.05	0.009	0.096	**	**	**	**
80153 CARBON,ORGANIC, IN SEDIMENT (% AS C)	09/10/75-08/17/76	4	0.22	0.243	0.52	0.01	0.071	0.266	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0013

NPS Station ID: COSW0013  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050104138500.41  
 Description:  
 LMA-002T LAKE MARION

LAT/LON: 33.750005/ -80.600004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.390  
 RF3 Mile Point: 0.41

SUMTER COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LMA-002T  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	29.	23.	31.	11.5	88.875	9.427	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	14.5	13.55	21.	6.4	30.551	5.527	**	**	**	**
00077 TRANSPARENCY, SECCHI DISC (INCHES)	09/10/75-03/11/76	4	18.	19.5	24.	18.	9.	3.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	35.	34.167	40.	25.	44.167	6.646	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	6.45	7.033	9.1	5.4	2.599	1.612	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	5	0.9	0.96	1.6	0.5	0.178	0.422	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.8	6.9	7.6	6.5	0.144	0.379	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	6.8	6.797	7.6	6.5	0.157	0.396	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.158	0.16	0.316	0.025	0.01	0.098	**	**	**	**
00402 SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	115.	115.	115.	115.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	14.	15.333	21.	12.	10.267	3.204	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	29.	33.333	58.	16.	247.467	15.731	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	45.5	47.167	84.	18.	444.967	21.094	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	5	0.05	0.066	0.11	0.05	0.001	0.026	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	5	0.27	0.27	0.42	0.1	0.016	0.127	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.33	0.317	0.35	0.24	0.002	0.044	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	690.	638.333	940.	50.	93856.667	306.36	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	105.	105.	140.	60.	1030.	32.094	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	125.	500.	50.	33750.	183.712	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/75-08/17/76	5	2100.	3544.	9200.	920.	10766680.	3281.262	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	09/09/75-08/17/76	5	3.322	3.421	3.964	2.964	0.134	0.366	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	09/09/75-09/10/75	2	49.5	49.5	50.	49.	0.5	0.707	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	2	1.695	1.695	1.699	1.69	0.	0.006	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	2	1.695	1.695	1.699	1.69	0.	0.006	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/75-08/17/76	4	73.5	100.	245.	8.	10306.	101.518	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	4	1.866	1.756	2.389	0.903	0.384	0.62	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	4	1.866	1.756	2.389	0.903	0.384	0.62	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/75-08/17/76	6	52.5	64.833	130.	21.	2354.967	48.528	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	6	52.5	64.833	130.	21.	2354.967	48.528	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	6	1.651	1.69	2.114	1.322	0.135	0.368	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			48.984								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.045	0.045	0.06	0.02	0.	0.015	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.3	0.5	0.25	0.013	0.112	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400 PH	Other-Hi Lim.	9.	6	0	0.00	4	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	6	1	0.17	4	1	0.25	2	0	0.00						
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	5 &	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	4	0.80	3	2	0.67	2	2	1.00						
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	2	0	0.00	2	1	0.50						
71900 MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0014

NPS Station ID: COSW0014  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050104138500.41  
 Description:  
 LMA-002C LAKE MARION

LAT/LON: 33.750005/ -80.600004

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.390  
 RF3 Mile Point: 0.41

SUMTER COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): LMA-002C  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/09/75-08/17/76	4	2316.	2798.5	5329.	1233.	3254505.	1804.025	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	12/10/75-08/17/76	3	5.6	4.467	5.7	2.1	4.203	2.05	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	09/09/75-08/17/76	6 ##	2.503	2.503	5.	0.005	7.485	2.736	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39305 O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39315 O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39327 ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390 ENDRLIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39580 GUTHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39610 PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0014

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01002 ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	50.	6	0	0.00	4	0	0.00	2	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	2	0	0.00	2	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	2	0	0.00	2	0	0.00						
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	2	0	0.00	2	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00	2	0	0.00	2	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	2	0	0.00	2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	3.	4	0	0.00	2	0	0.00	2	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.4	4	0	0.00	2	0	0.00	2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	2	0	0.00	2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0015

NPS Station ID: COSW0015

Location: WATEREE RVR 4MI ABV CONVLNC WTH CONGAREE RV

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050104001

RF3 Index: 03050104000300.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF LOWER WATEREE SURVEY

LAT/LON: 33.783337/ -80.602782

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 5.370

RF3 Mile Point: 0.00

FIRST DATE REPORTED: STORET 81/06/29

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CW-591

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

Date Created: 11/05/83

On/Off RF1: ON

On/Off RF3:

Parameter Inventory for Station: COSW0015

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0016

NPS Station ID: COSW0016  
 Location: BROADWATER CREEK AT LITTLE OTTER FLAT  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104057500.00  
 Description:

LAT/LON: 33.713059/ -80.605281

Depth of Water: 8  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): BWTR  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.15

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.35	16.35	20.	12.7	26.645	5.162	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	19.	19.	22.	16.	18.	4.243	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	9.45	9.45	12.5	6.4	18.605	4.313	**	**	**
00400	PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.705	6.705	6.73	6.68	0.001	0.035	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.704	6.704	6.73	6.68	0.001	0.035	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.198	0.198	0.209	0.186	0.	0.016	**	**	**
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	03/08/88-04/05/88	2	107.5	107.5	120.	95.	312.5	17.678	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	12	27.	26.083	31.	19.	16.629	4.078	19.	23.25	30.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.06	0.064	0.13	0.025	0.001	0.025	0.033	0.05	0.115
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.52	0.505	0.6	0.38	0.005	0.067	0.392	0.453	0.594
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12	0.18	0.189	0.36	0.01	0.011	0.106	0.028	0.103	0.348
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.085	0.09	0.15	0.06	0.001	0.027	0.06	0.07	0.108
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.03	0.043	0.11	0.025	0.001	0.024	0.025	0.05	0.094
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.04	0.04	0.05	0.02	0.	0.011	0.02	0.035	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	4.4	4.4	5.1	3.7	0.98	0.99	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	4.1	4.1	5.1	3.1	2.	1.414	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/89-02/14/89	1	24.	24.	24.	24.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	5.7	5.685	6.7	4.4	0.476	0.69	4.64	5.2	6.7
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	5.3	5.1	6.6	2.	2.206	1.485	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	2.5	2.438	2.8	1.9	0.088	0.296	1.94	2.2	2.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-02/14/89	7	2.5	2.3	2.7	1.9	0.143	0.379	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	12	20.	19.083	26.	13.	23.174	4.814	13.	13.5	26.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	24.	23.769	36.	12.	43.526	6.597	14.	18.	33.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13	18.	16.846	28.	5.	51.974	7.209	5.	12.	26.8
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	8.5	7.992	12.	4.4	5.407	2.325	4.64	5.65	11.6
01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	1000.	987.5	1400.	670.	49147.727	221.693	676.	815.	1370.
01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	530.	547.692	850.	190.	41052.564	202.614	230.	405.	834.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	105.	155.833	510.	40.	18826.515	137.21	46.	65.	459.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13	90.	126.154	490.	20.	13975.641	118.219	32.	60.	358.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	12	205.	285.417	750.	25.	41861.174	204.6	59.5	155.	693.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	110.	176.923	1100.	25.	79202.244	281.429	25.	60.	724.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	13	100.	99.231	120.	78.	232.359	15.243	78.	84.	120.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.06	0.062	0.09	0.04	0.	0.017	0.04	0.05	0.087
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	2.35	2.35	2.49	2.21	0.039	0.198	**	**	**
82580	TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	7.265	7.265	7.35	7.18	0.014	0.12	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH								1	0	0.00	1	0	0.00			
	Other-Hi Lim.	9.	2	0	0.00												
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0017

NPS Station ID: COSW0017

Location: LAKES MARION-MOULTRIE SITE 1

Station Type: /TYPA/AMBNT/LAKE

RMI-Indexes:

RMI-Miles:

HUC: 03050111

Major Basin:

Minor Basin:

RF1 Index: 03050111

RF3 Index: 03050104130200.00

Description:

LAT/LON: 33.713892/ -80.606115

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.55

Agency: 112WRD

FIPS State/County: 45085 SOUTH CAROLINA/SUMTER

STORET Station ID(s): 334250080362200

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 14.10

Distance from RF3: 0.22

Date Created: 03/31/84

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	10/18/83-10/18/83	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	10/18/83-10/18/83	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	10/18/83-10/18/83	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	10/18/83-10/18/83	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/18/83-10/18/83	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0018

NPS Station ID: COSW0018  
 Location: WATEREE RIVER 2.5KM US CONFLUENCE W/ CONGAREE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110062100.00  
 Description:  
 THE SAMPLING SITE IS THE WATEREE RIVER AT LITTLE RIVER 2.5 KILOMETERS

LAT/LON: 33.752781/ -80.608337

Depth of Water: 1  
 Elevation: 0

RF1 Mile Point: 2.840  
 RF3 Mile Point: 0.00

Agency: 21SCSANT  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): SC-002 /CW-222  
 Within Park Boundary: No

Date Created: 04/14/84

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 5.40  
 Distance from RF3: 0.01

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	128	20.	19.023	32.	6.	60.126	7.754	9.	11.625	26.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	132	23.	21.746	36.	1.	65.655	8.103	10.	16.25	28.	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	131	5360.	7420.55	100000.	212.	100624684.126	10031.186	1284.	2360.	10400.	13356.4
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	116	16.15	17.579	80.	1.4	104.833	10.239	7.47	11.	21.	28.3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/18/85-08/22/96	2	9.	9.	16.	2.	98.	9.899	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	114	40.	46.272	120.	25.	277.793	16.667	30.	35.	60.	70.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	127	130.	129.228	265.	6.	2412.225	49.114	70.	90.	165.	192.4
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	126	7.8	8.003	13.2	4.7	3.294	1.815	6.	6.5	9.4	10.12
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	99	0.9	1.141	17.	0.1	2.844	1.686	0.3	0.6	1.3	1.8
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	122	6.9	6.858	8.3	5.8	0.11	0.332	6.4	6.708	7.	7.27
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	122	6.9	6.729	8.3	5.8	0.127	0.356	6.4	6.708	7.	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	122	0.126	0.186	1.585	0.005	0.036	0.189	0.054	0.1	0.196	0.398
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	116	7.	6.909	7.6	5.6	0.121	0.348	6.57	6.7	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	116	7.	6.714	7.6	5.6	0.159	0.399	6.57	6.7	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	116	0.1	0.193	2.512	0.025	0.096	0.311	0.05	0.079	0.2	0.271
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	115	25.	25.061	39.	12.	27.865	5.279	18.6	22.	28.	31.4
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	110	122.	124.318	210.	20.	828.292	28.78	88.6	106.	144.	155.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	111	22.	23.18	62.	4.	132.913	11.529	10.2	14.	30.	38.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	121	0.06	0.083	0.5	0.01	0.007	0.083	0.01	0.03	0.11	0.158
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	123	0.44	0.524	6.64	0.05	0.367	0.605	0.248	0.34	0.58	0.728
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	122	0.37	0.386	1.15	0.01	0.036	0.189	0.183	0.29	0.443	0.634
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	123	0.08	0.088	0.6	0.01	0.004	0.064	0.04	0.05	0.11	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	124	23.	24.952	232.	5.	405.087	20.127	15.	18.	28.	33.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	123	5.5	5.568	13.8	0.7	4.343	2.084	3.	4.2	6.6	8.46
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS Ca DRY WGT)	08/09/95-03/11/96	2	3.615	3.615	5.74	1.49	9.031	3.005	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	3	1.98	5.46	14.	0.4	55.323	7.438	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	122	2.4	2.417	4.8	0.7	0.46	0.678	1.6	1.975	2.9	3.37
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	82	15.915	17.12	37.7	1.04	65.229	8.076	7.652	11.068	22.343	28.604
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	74	2.56	2.782	5.93	1.12	0.633	0.795	1.995	2.268	3.313	3.895
00945	SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	5	22.	19.2	32.	6.	119.2	10.918	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/28/85-12/11/96	109 ##	5.	7.11	31.	1.	33.21	5.763	4.	5.	5.5	14.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/09/95-03/11/96	3 ##	2.5	3.307	5.	2.42	2.152	1.467	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	08/09/95-03/11/96	3	16.	17.147	20.44	15.	8.385	2.896	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	99 ##	11.	11.899	78.	0.	75.969	8.716	4.	7.	15.	15.
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	3	15.	14.717	20.15	9.	31.141	5.58	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	120	9.5	54.583	4860.	1.	195971.27	442.686	5.	5.	17.	28.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	3	7.	8.713	14.14	5.	23.087	4.805	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	123	911.	986.691	5280.	79.	370792.412	608.927	465.2	657.	1105.
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	124 ##	15.	23.306	137.	1.	336.035	18.331	4.5	15.	26.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	3	36.43	34.143	41.	25.	67.922	8.241	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	3	101.	223.673	527.02	43.	69855.4	264.302	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	124	85.5	93.252	274.	11.	1683.522	41.031	50.	65.	114.75
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	111 ##	15.	16.009	77.	0.	99.864	9.993	3.4	15.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	111	7.	11.982	146.	1.	261.231	16.163	4.2	5.	13.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	3	24.	28.523	47.57	14.	297.082	17.236	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	3	7759.	10798.2	23938.6	697.	141970545.12	11915.139	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	114	23.	39.272	320.	1.	2651.496	51.493	5.5	12.875	44.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	114	1.362	1.359	2.505	0.	0.215	0.464	0.739	1.11	1.643
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			22.83							
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	59	56.	132.525	860.	2.	34615.762	186.053	13.	25.	132.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	59	1.748	1.79	2.934	0.301	0.325	0.57	1.114	1.398	2.121
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			61.673							
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	1	0.	0.	0.	0.	0.	0.	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	122	0.06	0.06	0.13	0.01	0.001	0.027	0.03	0.04	0.08
71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	116	1	0.01	38	0	0.00	48	1	0.02	30	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	126	0	0.00	41	0	0.00	52	0	0.00	33	0	0.00		
00400	PH	Other-Hi Lim.	9.	122	0	0.00	40	0	0.00	51	0	0.00	31	0	0.00		
		Other-Lo Lim.	6.5	122	20	0.16	40	2	0.05	51	16	0.31	31	2	0.06		
00403	PH, LAB	Other-Hi Lim.	9.	116	0	0.00	38	0	0.00	48	0	0.00	30	0	0.00		
		Other-Lo Lim.	6.5	116	11	0.09	38	4	0.11	48	7	0.15	30	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	122	0	0.00	43	0	0.00	44	0	0.00	35	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	3	0	0.00	2	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	40 &	30	0.75	12	9	0.75	17	12	0.71	11	9	0.82		
		Drinking Water	5.	40 &	27	0.68	12	9	0.75	17	10	0.59	11	8	0.73		
01034	CHROMIUM, TOTAL	Drinking Water	100.	99	0	0.00	33	0	0.00	39	0	0.00	27	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	119 &	27	0.23	41	8	0.20	45	10	0.22	33	9	0.27		
		Drinking Water	1300.	120	1	0.01	41	0	0.00	46	0	0.00	33	1	0.03		
01051	LEAD, TOTAL	Fresh Acute	82.	124	1	0.01	41	0	0.00	47	1	0.02	36	0	0.00		
		Drinking Water	15.	58 &	35	0.60	20	12	0.60	21	11	0.52	17	12	0.71		
01067	NICKEL, TOTAL	Fresh Acute	1400.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
		Drinking Water	100.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	111	1	0.01	37	0	0.00	44	1	0.02	30	0	0.00		
		Drinking Water	5000.	111	0	0.00	37	0	0.00	44	0	0.00	30	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	114	4	0.04	37	1	0.03	48	3	0.06	29	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1984 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	20.	19.45	29.	8.	61.636	7.851	8.2	11.5	28.	28.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	21.5	22.55	36.	12.	66.581	8.16	12.	15.75	29.625	35.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	6455.	7650.	14400.	3100.	17400488.889	4171.389	3168.	3930.	11900.	14330.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	110.	95.6	140.	6.	1741.822	41.735	11.6	64.25	130.	139.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	9.2	8.289	10.4	5.6	3.089	1.757	5.6	6.35	9.5	10.4
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.989	8.3	5.8	0.521	0.722	5.8	6.55	7.45	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.531	8.3	5.8	0.757	0.87	5.8	6.55	7.45	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.126	0.295	1.585	0.005	0.249	0.499	0.005	0.038	0.299	1.585
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	8	0.085	0.102	0.24	0.06	0.004	0.059	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.565	0.592	0.98	0.37	0.042	0.206	0.371	0.395	0.715	0.97
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	8	0.135	0.161	0.3	0.04	0.013	0.113	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	9	0.1	0.106	0.17	0.05	0.002	0.042	0.05	0.07	0.145	0.17
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	8	21.	21.375	37.	11.	62.554	7.909	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	8	5.2	5.2	11.5	1.9	9.609	3.1	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	8	2.1	2.05	2.4	1.6	0.063	0.251	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	4	12.	15.5	33.	5.	163.667	12.793	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	8	1089.5	1385.375	2839.	452.	712877.125	844.321	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	8	25.5	40.5	137.	8.	1809.429	42.537	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	8	73.5	78.75	124.	49.	746.5	27.322	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	5	30.	71.8	280.	5.	13701.2	117.052	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	5	1.477	1.431	2.447	0.699	0.442	0.665	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			26.974								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	9	0.07	0.073	0.09	0.045	0.	0.015	0.045	0.065	0.09	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	23.	21.182	29.	10.5	47.264	6.875	10.6	15.	26.5	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	25.	23.	30.	12.	31.6	5.621	13.	18.	27.	29.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	2570.	4975.636	14400.	212.	25546741.455	5054.378	397.6	1300.	10100.	14020.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	5	20.	18.2	25.	11.	28.7	5.357	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	5	40.	45.	70.	25.	375.	19.365	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	11	120.	115.727	175.	39.	2147.018	46.336	43.4	79.	155.	173.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	11	7.2	7.427	10.	4.7	2.254	1.501	5.06	6.7	8.5	9.94
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	4	1.6	1.65	2.1	1.3	0.117	0.342	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.9	6.891	7.3	6.3	0.089	0.298	6.34	6.8	7.1	7.28
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.9	6.788	7.3	6.3	0.1	0.317	6.34	6.8	7.1	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	11	0.126	0.163	0.501	0.05	0.018	0.134	0.053	0.079	0.158	0.464
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	5	6.9	6.74	7.1	6.	0.193	0.439	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	5	6.9	6.521	7.1	6.	0.253	0.503	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	5	0.126	0.301	1.	0.079	0.155	0.393	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	5	25.	21.4	25.	13.	28.8	5.367	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	5	108.	98.8	124.	64.	543.2	23.307	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	5	17.	22.4	37.	10.	172.3	13.126	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.108	0.167	0.33	0.02	0.015	0.123	0.024	0.07	0.298	0.329
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.55	0.646	1.62	0.32	0.147	0.383	0.326	0.395	0.71	1.55
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	11	0.36	0.335	0.58	0.04	0.021	0.145	0.056	0.32	0.39	0.55
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	11	0.085	0.089	0.15	0.02	0.001	0.037	0.026	0.07	0.12	0.146
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	16.	18.3	43.	11.	80.456	8.97	11.2	14.5	18.	40.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	11	3.9	4.627	13.8	1.7	10.314	3.212	1.9	3.3	5.2	12.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	1.8	1.71	2.1	0.7	0.219	0.468	0.75	1.425	2.1	2.1
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	5	25.	22.2	31.	9.	83.2	9.121	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1985 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	11	20.	39.636	128.	8.	1697.255	41.198	8.	8.	77.	121.
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	11	654.	992.091	2920.	386.	840748.291	916.923	387.6	456.	885.	2880.
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	11	16.	19.455	49.	6.	143.673	11.986	6.8	11.	27.	44.8
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	11	62.3	80.836	146.	44.	1495.261	38.669	44.4	50.	129.9	143.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	6	18.	17.667	30.	8.	51.867	7.202	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	6	15.	17.667	36.	7.	136.667	11.69	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	4	26.5	49.5	122.	23.	2339.	48.363	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	4	1.423	1.574	2.086	1.362	0.118	0.343	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.463								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.078	0.076	0.13	0.03	0.001	0.027	0.032	0.058	0.085	0.127

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	19.75	19.75	31.	7.5	77.295	8.792	7.95	11.	28.875	30.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	25.5	25.167	35.	11.	60.697	7.791	12.5	18.5	33.	35.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	2195.	2864.083	7050.	889.	4045821.902	2011.423	928.3	1195.	4315.	6675.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	12	11.5	12.467	22.	7.2	18.381	4.287	7.44	9.55	15.25	20.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	30.	34.5	60.	25.	119.167	10.916	25.	25.	40.	58.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	155.	158.583	262.	65.	3914.447	62.566	66.5	108.25	201.75	255.4
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	7.3	7.833	11.2	5.8	3.017	1.737	5.92	6.275	9.375	10.84
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	12	1.7	1.6	2.2	1.	0.193	0.439	1.	1.1	1.975	2.14
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.8	6.744	7.1	6.4	0.055	0.235	6.4	6.5	6.94	7.074
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.8	6.685	7.1	6.4	0.059	0.243	6.4	6.5	6.94	7.074
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	11	0.158	0.206	0.398	0.079	0.013	0.115	0.085	0.115	0.316	0.398
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	6.65	6.583	7.2	5.6	0.274	0.524	5.69	6.125	7.075	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	12	6.647	6.277	7.2	5.6	0.377	0.614	5.69	6.125	7.075	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	12	0.225	0.529	2.512	0.063	0.525	0.725	0.068	0.085	0.753	2.136
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	12	26.	27.	37.	18.	34.909	5.908	18.9	21.75	31.5	36.7
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	12	137.	136.	172.	106.	484.364	22.008	106.6	112.5	152.	170.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	12	15.5	18.75	28.	10.	42.386	6.51	10.6	14.25	26.25	28.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	9	0.13	0.164	0.37	0.07	0.011	0.107	0.07	0.08	0.26	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	9	0.55	0.587	0.78	0.44	0.014	0.119	0.44	0.49	0.695	0.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	9	0.56	0.558	0.7	0.33	0.017	0.129	0.33	0.455	0.685	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	9	0.13	0.122	0.16	0.08	0.001	0.029	0.08	0.095	0.15	0.16
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	24.5	25.2	35.	19.	31.289	5.594	19.	19.75	30.5	34.7
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	5.5	5.43	7.1	3.7	1.245	1.116	3.75	4.35	6.275	7.04
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	2.5	2.81	4.8	1.5	0.843	0.918	1.57	2.275	3.325	4.66
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	9	14.	12.556	23.	1.	55.778	7.468	1.	5.5	18.5	23.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	4	17.5	17.75	32.	4.	130.917	11.442	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	16.5	501.1	4860.	7.	2345787.433	1531.596	7.	7.	31.5	4377.9
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	9	789.	825.111	1172.	340.	64259.111	253.494	340.	684.	1046.	1172.
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10	33.	31.4	52.	12.	241.822	15.551	12.	14.25	46.75	51.7
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	69.5	94.2	274.	60.	4240.844	65.122	60.	64.5	89.25	258.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10	25.5	29.4	77.	15.	335.6	18.319	15.1	16.	33.5	73.1
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	12.	14.2	26.	1.	68.622	8.284	1.6	9.25	24.25	25.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	12	10.	14.25	37.	2.	146.75	12.114	2.3	3.25	26.75	34.6
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	12	0.998	0.973	1.568	0.301	0.195	0.442	0.354	0.508	1.422	1.536
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			9.405								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	9	0.09	0.089	0.12	0.05	0.	0.021	0.05	0.075	0.105	0.12

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	21.	19.136	31.	6.5	86.755	9.314	6.7	10.5	28.	30.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	20.	22.545	33.	9.	84.673	9.202	9.	16.	31.	32.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	4760.	9195.909	44300.	475.	152418164.091	12345.775	600.	2860.	10900.	38040.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	11	22.	20.664	35.	6.3	70.785	8.413	7.44	12.	27.	33.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	11	40.	38.636	60.	25.	125.455	11.201	25.	30.	50.	58.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	11	115.	128.727	215.	70.	2012.218	44.858	71.6	98.	160.	208.2
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	11	7.9	8.1	12.	5.1	5.536	2.353	5.28	6.	10.8	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	0.8	0.875	1.7	0.4	0.182	0.427	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	6.678	7.2	6.12	0.121	0.348	6.12	6.34	6.9	7.2
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	6.553	7.2	6.12	0.139	0.372	6.12	6.34	6.9	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.158	0.28	0.759	0.063	0.054	0.233	0.063	0.129	0.461	0.759
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	11	7.	6.782	7.1	5.9	0.216	0.464	5.9	6.6	7.1	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	11	7.	6.491	7.1	5.9	0.309	0.556	5.9	6.6	7.1	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	11	0.1	0.323	1.259	0.079	0.217	0.466	0.079	0.079	0.251	1.259
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	11	22.	22.364	34.	14.	32.255	5.679	14.2	18.	26.	32.6
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	118.	113.273	164.	44.	1067.418	32.671	52.	96.	134.	160.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	26.	25.182	42.	6.	130.764	11.435	7.2	13.	32.	41.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	0.095	0.097	0.25	0.01	0.005	0.068	0.01	0.04	0.14	0.217
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	0.41	1.011	6.64	0.07	3.291	1.814	0.121	0.29	0.775	5.116
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	0.35	0.434	1.04	0.24	0.053	0.231	0.249	0.285	0.5	0.941
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	0.13	0.134	0.31	0.05	0.005	0.068	0.053	0.09	0.158	0.268
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	12	22.	22.417	42.	14.	55.174	7.428	14.3	18.	25.5	37.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	12	5.3	5.458	8.4	3.	2.415	1.554	3.24	4.175	6.35	8.13
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	12	1.85	1.933	2.8	1.4	0.184	0.429	1.4	1.625	2.1	2.74
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	12	5.	5.583	13.	1.	13.72	3.704	1.	3.	7.75	12.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	12	7.	14.083	78.	1.	444.083	21.073	1.3	4.	17.75	60.6
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	7.	10.083	39.	1.	104.811	10.238	1.	4.5	13.75	32.1
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	12	1060.	1096.25	1817.	445.	118157.114	343.74	529.9	961.5	1242.	1707.5
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	12	2.	6.75	24.	1.	73.841	8.593	1.	1.	14.	23.1
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	12	94.	100.333	189.	43.	1656.97	40.706	49.9	72.75	134.	175.8
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	12	10.5	10.833	29.	1.	76.333	8.737	1.	1.5	14.75	26.9
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	12	6.5	12.417	57.	1.	235.72	15.353	1.3	5.	15.25	46.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	11	20.	27.182	74.	3.	513.364	22.658	3.6	10.	45.	70.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	11	1.301	1.274	1.869	0.477	0.179	0.423	0.537	1.	1.653	1.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.778								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	0.09	0.089	0.12	0.04	0.001	0.024	0.046	0.08	0.108	0.12

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### Annual Analysis for 1988 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	16.	17.2	31.5	6.	70.344	8.387	6.15	10.125	24.75	31.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	17.5	16.2	33.	1.	106.844	10.337	1.1	7.25	24.25	32.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	3205.	3720.2	10400.	662.	9016773.733	3002.794	706.8	1402.5	5202.5	10022.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	10.75	12.28	22.	5.4	35.86	5.988	5.45	7.1	18.5	21.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	35.	38.	70.	30.	162.222	12.737	30.	30.	38.75	68.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	145.	152.5	265.	75.	3984.944	63.126	75.6	87.75	211.25	260.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	8.4	8.622	12.3	6.3	3.912	1.978	6.3	6.65	10.	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	9	0.7	0.844	1.5	0.4	0.155	0.394	0.4	0.6	1.15	1.5
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	7.4	7.156	7.5	6.8	0.115	0.34	6.8	6.8	7.45	7.5
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	7.4	7.042	7.5	6.8	0.13	0.36	6.8	6.8	7.45	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.04	0.091	0.158	0.032	0.004	0.064	0.032	0.036	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.95	6.94	7.3	6.6	0.052	0.227	6.61	6.775	7.1	7.28
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.925	6.888	7.3	6.6	0.055	0.234	6.61	6.775	7.1	7.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.119	0.129	0.251	0.05	0.004	0.065	0.053	0.079	0.169	0.246
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	26.5	27.6	39.	21.	33.156	5.758	21.1	23.5	31.25	38.6

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### Annual Analysis for 1988 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	143.	137.4	168.	106.	505.822	22.49	106.8	114.	156.	167.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	10.5	16.3	52.	4.	204.678	14.307	4.3	7.75	20.5	49.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.11	0.101	0.2	0.01	0.003	0.054	0.012	0.068	0.13	0.193
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.48	0.534	1.08	0.34	0.048	0.219	0.342	0.375	0.595	1.042
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.395	0.398	0.69	0.25	0.014	0.119	0.254	0.32	0.43	0.664
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.105	0.093	0.13	0.03	0.001	0.039	0.031	0.048	0.13	0.13
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	25.5	24.7	29.	17.	19.344	4.398	17.2	20.5	29.	29.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/05/84-12/11/96	10	6.2	6.1	8.7	4.6	1.584	1.259	4.61	4.775	6.725	8.51
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	2.45	2.45	3.2	1.6	0.356	0.597	1.61	1.775	3.05	3.2
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	8	22.495	22.373	29.	13.02	30.336	5.508	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	10	5.	6.4	14.	1.	24.933	4.993	1.	1.75	11.5	13.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10	6.5	6.4	14.	1.	23.378	4.835	1.	1.75	11.25	13.8
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	7.5	7.	15.	1.	30.667	5.538	1.	1.	12.5	14.9
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	817.	833.4	1195.	473.	59676.044	244.287	485.7	617.25	1029.5	1188.8
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10	13.	17.2	48.	1.	319.289	17.869	1.	1.	29.5	47.8
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	85.	93.8	191.	65.	1435.733	37.891	65.	66.5	100.	183.7
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10	4.	8.3	23.	1.	73.344	8.564	1.	1.	15.25	22.9
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	3.5	5.	18.	1.	25.778	5.077	1.	1.	6.25	16.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	10	23.5	28.	80.	7.	460.667	21.463	7.6	13.	38.5	76.3
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	10	1.37	1.348	1.903	0.845	0.094	0.307	0.872	1.114	1.585	1.876
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			22.28								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.075	0.068	0.1	0.03	0.001	0.027	0.03	0.038	0.093	0.1

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### Annual Analysis for 1989 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	19.25	19.	29.	9.5	48.222	6.944	9.65	11.75	24.375	28.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	25.	25.6	32.	18.	24.044	4.904	18.3	21.75	30.25	31.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	9	10574.	17753.222	100000.	1390.	975728888.444	31236.659	1390.	2277.5	13650.	100000.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	22.	23.62	42.	7.2	152.644	12.355	7.38	12.75	38.	41.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	50.	52.	100.	30.	501.111	22.386	30.	33.75	62.5	97.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	140.	141.111	190.	90.	1142.361	33.799	90.	112.5	172.5	190.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	7.3	7.22	10.	4.7	3.455	1.859	4.76	5.45	9.025	9.97
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	9	1.	2.844	17.	0.5	28.46	5.335	0.5	0.7	1.85	17.
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.933	7.3	6.7	0.047	0.218	6.7	6.8	7.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.892	7.3	6.7	0.049	0.222	6.7	6.8	7.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.126	0.128	0.2	0.05	0.003	0.05	0.05	0.088	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.9	6.84	7.1	6.5	0.036	0.19	6.51	6.675	7.	7.09
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.9	6.801	7.1	6.5	0.038	0.194	6.51	6.675	7.	7.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.126	0.158	0.316	0.079	0.006	0.076	0.081	0.1	0.212	0.31
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	27.	26.6	35.	20.	17.378	4.169	20.3	23.75	29.	34.4
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	9	150.	150.889	186.	122.	376.111	19.394	122.	137.	162.	186.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	22.	29.5	53.	12.	272.056	16.494	12.1	13.75	49.25	52.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.06	0.073	0.16	0.03	0.002	0.041	0.03	0.038	0.098	0.156
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.58	0.538	0.82	0.14	0.036	0.189	0.16	0.415	0.645	0.804
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.365	0.391	0.76	0.08	0.043	0.206	0.095	0.26	0.498	0.754
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.09	0.101	0.19	0.05	0.002	0.041	0.051	0.075	0.13	0.184
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	26.	26.6	35.	17.	30.489	5.522	17.6	23.	31.	34.9
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	6.15	6.31	8.6	3.	2.943	1.716	3.2	5.225	7.75	8.59
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	2.7	2.76	3.5	2.2	0.158	0.398	2.22	2.475	3.05	3.47
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	9	16.2	18.899	37.7	2.91	112.459	10.605	2.91	14.4	26.255	37.7
00937	POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	9	3.11	3.143	4.16	2.45	0.384	0.62	2.45	2.54	3.67	4.16
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	10 ##	5.	6.1	11.	5.	5.433	2.331	5.	5.	6.25	10.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	5.	7.3	16.	3.	18.9	4.347	3.2	5.	12.	15.6
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	20.	17.8	37.	5.	87.289	9.343	5.3	10.25	22.25	35.6

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### Annual Analysis for 1989 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	944.5	1051.2	1751.	460.	169985.511	412.293	482.1	714.	1397.5	1723.9
01051 LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10 ##	15.	25.9	68.	15.	365.211	19.11	15.	15.	39.5	66.2
01055 MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	122.	126.7	208.	77.	1851.122	43.025	77.1	84.75	154.25	205.1
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	16.1	40.	1.	89.878	9.48	2.4	15.	15.	37.5
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	5.5	11.6	57.	2.5	267.544	16.357	2.5	4.375	11.75	52.7
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	9	18.	43.444	110.	11.	1837.528	42.866	11.	13.5	94.	110.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	9	1.255	1.45	2.041	1.041	0.175	0.418	1.041	1.128	1.968	2.041
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			28.172								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.065	0.068	0.09	0.05	0.	0.015	0.05	0.058	0.083	0.09

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### Annual Analysis for 1990 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	19.5	19.583	32.	6.	70.811	8.415	7.5	12.	27.	31.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	22.5	21.	29.	10.	47.273	6.876	10.3	14.25	27.25	29.
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	6915.5	8172.417	22500.	1190.	46944263.72	6851.588	1190.	1553.25	13237.75	19858.8
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	12	15.	16.4	35.	6.6	58.48	7.647	7.08	10.75	20.75	31.4
00080 COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	12	40.	45.	80.	25.	327.273	18.091	25.	31.25	60.	77.
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	110.	123.333	200.	75.	2115.152	45.991	75.	82.5	172.5	197.
00300 OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	6.85	7.608	11.6	4.8	4.024	2.006	5.16	6.025	9.3	10.97
00310 BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.65	0.79	1.5	0.3	0.172	0.415	0.3	0.45	1.15	1.48
00400 PH (STANDARD UNITS)	02/03/84-12/11/96	12	6.9	6.933	7.3	6.6	0.037	0.192	6.63	6.825	7.	7.27
00400 CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	12	6.9	6.896	7.3	6.6	0.039	0.196	6.63	6.825	7.	7.27
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	12	0.126	0.127	0.251	0.05	0.003	0.055	0.054	0.1	0.15	0.236
00403 PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	7.1	7.108	7.5	6.8	0.064	0.254	6.8	6.825	7.375	7.47
00403 CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	12	7.1	7.044	7.5	6.8	0.069	0.263	6.8	6.825	7.375	7.47
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	12	0.079	0.09	0.158	0.032	0.002	0.049	0.034	0.042	0.15	0.158
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	12	23.	24.	31.	17.	17.091	4.134	17.9	21.	27.75	30.1
00500 RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	116.	108.182	134.	74.	335.564	18.318	76.4	94.	122.	131.6
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	19.	21.545	32.	13.	53.273	7.299	13.2	14.	30.	31.8
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	0.06	0.068	0.15	0.01	0.002	0.04	0.016	0.04	0.087	0.141
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	0.35	0.392	1.04	0.06	0.059	0.242	0.102	0.245	0.475	0.89
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	0.405	0.394	0.57	0.19	0.01	0.102	0.22	0.34	0.46	0.555
00665 PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	0.065	0.113	0.6	0.03	0.024	0.156	0.033	0.05	0.09	0.459
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	12	23.5	23.167	32.	15.	34.697	5.89	15.	17.	28.5	31.4
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	12	5.6	5.325	8.2	2.7	2.393	1.547	2.79	4.3	6.025	7.84
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	12	2.7	2.642	3.3	1.9	0.234	0.483	1.9	2.2	2.975	3.3
00929 SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	12	14.32	15.434	29.	8.87	35.954	5.996	8.954	10.58	19.343	26.93
00937 POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	12	2.92	2.928	3.87	2.27	0.298	0.546	2.273	2.42	3.408	3.792
01027 CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	12 ##	5.	5.5	11.	5.	3.	1.732	5.	5.	5.	9.2
01034 CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	12 ##	10.	8.417	11.	5.	6.447	2.539	5.	5.	10.	10.7
01042 COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12 ##	8.	13.167	51.	5.	173.606	13.176	5.	5.	15.75	42.
01045 IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	12	829.	834.5	1568.	545.	73401.	270.926	549.8	653.25	917.5	1382.
01051 LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	12	88.	92.25	143.	61.	478.568	21.876	62.2	81.5	105.5	133.1
01067 NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01092 ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	12 ##	5.	17.417	146.	5.	1644.992	40.559	5.	5.	5.	106.1
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	11	23.	36.273	136.	7.	1287.418	35.881	8.4	20.	42.	120.4
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	11	1.362	1.429	2.134	0.845	0.112	0.335	0.905	1.301	1.623	2.06
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			26.839								
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	0.05	0.051	0.08	0.025	0.	0.016	0.027	0.04	0.06	0.077

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	8	20.	19.	28.	9.	43.143	6.568	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	22.5	21.5	32.	10.	66.278	8.141	10.	14.5	31.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	6902.5	8399.6	15205.	1743.	20509258.489	4528.715	1970.9	5159.75	15013.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	17.	16.01	29.	1.4	73.872	8.595	1.98	8.925	28.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	55.	55.5	70.	35.	158.056	12.572	35.5	47.5	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	8	120.	123.125	190.	65.	2399.554	48.985	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	8	7.5	7.6	9.8	5.5	2.037	1.427	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	6	1.15	1.2	1.8	0.9	0.1	0.316	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	8	6.85	6.925	7.2	6.8	0.031	0.175	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	8	6.847	6.898	7.2	6.8	0.032	0.178	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	8	0.142	0.126	0.158	0.063	0.002	0.042	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.9	6.9	7.2	6.6	0.033	0.183	6.61	6.775	7.025
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.9	6.866	7.2	6.6	0.035	0.186	6.61	6.775	7.025
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.126	0.136	0.251	0.063	0.003	0.057	0.065	0.095	0.169
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	23.	23.8	34.	16.	34.178	5.846	16.1	19.25	28.75
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	120.	108.8	142.	20.	1436.622	37.903	26.4	91.5	137.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	19.5	22.3	62.	9.	222.233	14.907	9.4	13.75	24.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.045	0.057	0.15	0.01	0.002	0.05	0.01	0.01	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.41	0.405	0.66	0.2	0.02	0.14	0.206	0.268	0.495
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.37	0.344	0.51	0.01	0.018	0.136	0.039	0.3	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.05	0.05	0.07	0.01	0.	0.019	0.012	0.038	0.07
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	24.	24.8	36.	17.	43.067	6.563	17.1	18.75	30.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	5.1	5.7	8.9	2.1	6.209	2.492	2.19	3.825	8.225
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	2.35	2.59	3.8	1.8	0.532	0.729	1.81	2.05	3.45
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	10	10.35	11.657	23.8	6.67	24.543	4.954	6.716	8.908	13.56
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	2.35	2.256	2.66	1.69	0.079	0.281	1.721	2.023	2.423
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10 ##	5.	9.2	19.	5.	35.067	5.922	5.	5.	14.5
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	1148.5	1512.9	5280.	373.	1861707.433	1364.444	427.3	931.75	1425.
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	68.	88.3	153.	49.	1849.122	43.001	49.1	51.5	139.5
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	19.3	58.	15.	184.9	13.598	15.	15.	53.7
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10 ##	8.5	9.8	23.	5.	35.733	5.978	5.	5.	22.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	10	38.5	44.95	150.	9.	1729.136	41.583	9.35	14.375	60.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	10	1.581	1.508	2.176	0.954	0.141	0.375	0.969	1.156	1.782
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.213							
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.045	0.04	0.06	0.01	0.	0.016	0.011	0.028	0.05

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### Annual Analysis for 1992 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	9	18.	18.667	32.	10.	56.75	7.533	10.	11.5	32.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	21.	21.182	32.	6.	39.564	6.29	8.4	20.	30.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	5830.5	6205.2	13359.	905.	18610839.956	4314.028	962.4	1863.	13261.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	11	13.	12.655	24.	6.7	21.321	4.617	7.06	9.3	22.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	11	45.	47.727	65.	30.	141.818	11.909	31.	40.	64.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	130.	119.111	175.	70.	1279.611	35.772	70.	86.	175.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	8.	8.611	13.2	6.5	4.519	2.126	6.5	6.75	13.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.5	0.605	1.4	0.1	0.216	0.465	0.11	0.238	1.39
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.9	7.1	6.5	0.032	0.18	6.5	6.85	7.1
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.862	7.1	6.5	0.034	0.185	6.5	6.85	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.126	0.137	0.316	0.079	0.005	0.072	0.079	0.09	0.142
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	11	6.9	6.882	7.1	6.7	0.026	0.16	6.7	6.7	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	11	6.9	6.855	7.1	6.7	0.026	0.162	6.7	6.7	7.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.126	0.14	0.2	0.079	0.003	0.05	0.079	0.1	0.2	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11	26.	24.818	28.	19.	8.964	2.994	19.2	23.	27.	27.8
00500	RESIDUE, TOTAL (MG/L)	10	125.	126.4	150.	86.	366.044	19.132	88.8	118.5	146.5	149.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10	19.5	22.9	45.	11.	117.433	10.837	11.3	14.	32.5	43.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10	0.03	0.036	0.1	0.01	0.001	0.026	0.01	0.018	0.043	0.095
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10	0.32	0.375	0.64	0.22	0.021	0.145	0.224	0.26	0.478	0.635
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10	0.36	0.401	0.75	0.18	0.026	0.163	0.189	0.293	0.498	0.73
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10	0.06	0.058	0.1	0.03	0.	0.02	0.031	0.04	0.065	0.098
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	10	21.5	20.6	32.	8.	49.822	7.058	8.3	17.	24.25	31.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	10	5.05	5.32	8.6	3.6	2.326	1.525	3.61	4.075	6.075	8.43
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10	2.55	2.58	3.1	2.2	0.066	0.257	2.22	2.4	2.675	3.08
00929	SODIUM, TOTAL (MG/L AS Na)	10	16.87	16.859	32.51	2.71	81.591	9.033	2.727	12.023	23.098	31.577
00937	POTASSIUM, TOTAL MG/L AS K)	10	3.67	3.718	5.93	2.23	1.035	1.017	2.296	2.905	4.17	5.775
01027	CADMIUM, TOTAL (UG/L AS Cd)	10 ###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	10 ###	15.	13.	15.	10.	6.667	2.582	10.	10.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	10 ###	5.	8.4	17.	5.	24.711	4.971	5.	5.	11.75	17.
01045	IRON, TOTAL (UG/L AS Fe)	10	944.5	1065.4	1744.	610.	171896.711	414.604	621.8	761.75	1528.5	1738.8
01051	LEAD, TOTAL (UG/L AS Pb)	10 ###	15.	18.4	49.	15.	115.6	10.752	15.	15.	15.	45.6
01055	MANGANESE, TOTAL (UG/L AS Mn)	10	91.5	97.5	141.	61.	527.833	22.975	63.4	87.25	110.5	139.9
01067	NICKEL, TOTAL (UG/L AS Ni)	10 ###	15.	14.	15.	10.	4.444	2.108	10.	13.75	15.	15.
01092	ZINC, TOTAL (UG/L AS Zn)	10 ###	5.	12.8	39.	5.	186.4	13.653	5.	5.	22.5	38.7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	19.	31.889	90.	5.	733.861	27.09	5.	11.	46.	90.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	9	1.279	1.354	1.954	0.699	0.159	0.399	0.699	1.04	1.662	1.954
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			22.615								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10	0.035	0.04	0.08	0.01	0.	0.019	0.012	0.03	0.05	0.077

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	6	18.5	18.5	30.	7.	97.9	9.894	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	6	22.	22.333	35.	7.	127.067	11.272	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	6	7255.	8934.333	21202.	1673.	47906780.667	6921.472	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	6	15.	13.767	20.	4.6	30.407	5.514	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	6	40.	45.	70.	30.	190.	13.784	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	6	107.5	116.	200.	30.	4166.	64.545	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	6	7.65	7.933	9.8	6.4	2.527	1.59	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	5	0.6	0.67	1.4	0.25	0.187	0.432	**	**	**	**
00400	PH (STANDARD UNITS)	6	7.	6.967	7.1	6.8	0.011	0.103	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	6	7.	6.956	7.1	6.8	0.011	0.104	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.1	0.111	0.158	0.079	0.001	0.028	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	6	7.	7.067	7.6	6.7	0.095	0.308	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	6	7.	6.99	7.6	6.7	0.102	0.319	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	0.1	0.102	0.2	0.025	0.004	0.059	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	6	26.5	25.667	33.	16.	41.067	6.408	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	6	111.	109.333	152.	60.	1135.467	33.697	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	6	20.5	22.5	52.	7.	286.7	16.932	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	6	0.03	0.04	0.1	0.02	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	6	0.32	0.377	0.71	0.05	0.08	0.283	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	0.3	0.252	0.43	0.01	0.029	0.17	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	6	0.045	0.048	0.09	0.02	0.001	0.025	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	6	19.5	21.333	38.	7.	104.667	10.231	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	6	5.15	5.283	11.1	0.7	11.97	3.46	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	6	2.1	1.95	2.7	1.2	0.391	0.625	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	6	15.41	15.478	24.4	4.85	55.363	7.441	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	6	2.295	2.377	3.91	1.12	0.96	0.98	**	**	**	**

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### Annual Analysis for 1993 - Station COSW0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	6 ##	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	6 ##	12.	14.	25.	5.	102.	10.1	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	6	497.	543.333	881.	407.	30356.667	174.232	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	6 ##	15.	24.5	50.	15.	233.5	15.281	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	6	57.5	65.5	135.	16.	1714.7	41.409	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	6 ##	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	6	13.	13.5	25.	5.	43.9	6.626	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	6	39.5	39.	74.	1.	1003.2	31.673	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	6	1.555	1.304	1.869	0.	0.521	0.722	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			20.139								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	6	0.025	0.03	0.05	0.01	0.	0.017	**	**	**	**

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### Annual Analysis for 1994 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	19.5	20.3	32.	9.	68.9	8.301	9.	12.75	28.5	31.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	22.	20.8	32.	10.	51.289	7.162	10.3	14.5	26.	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	6933.	6243.1	12595.	1302.	14457275.211	3802.272	1314.1	2389.	8907.	12347.7
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	17.	16.	24.	10.	20.	4.472	10.	12.25	18.5	23.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	45.	46.5	60.	35.	116.944	10.814	35.	35.	60.	60.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	157.5	149.5	215.	80.	2013.611	44.873	80.5	107.5	186.25	212.5
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	7.5	7.89	11.	5.3	3.314	1.821	5.37	6.525	9.475	10.87
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.9	0.905	1.7	0.25	0.135	0.367	0.295	0.7	1.025	1.64
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.9	6.87	7.1	6.6	0.029	0.17	6.6	6.75	7.	7.09
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.9	6.838	7.1	6.6	0.03	0.174	6.6	6.75	7.	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	10	0.126	0.145	0.251	0.079	0.004	0.061	0.081	0.1	0.182	0.251
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	7.15	7.15	7.4	6.8	0.032	0.178	6.82	7.075	7.25	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	7.147	7.116	7.4	6.8	0.033	0.182	6.82	7.075	7.25	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.071	0.077	0.158	0.04	0.001	0.034	0.04	0.057	0.085	0.153
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	26.	26.	31.	20.	17.778	4.216	20.	22.25	30.25	31.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	122.	130.8	174.	104.	543.289	23.309	104.2	112.	151.	172.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	29.	28.6	44.	14.	68.711	8.289	14.8	22.	33.5	43.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.04	0.05	0.12	0.01	0.001	0.034	0.011	0.028	0.068	0.117
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.345	0.354	0.58	0.05	0.019	0.137	0.075	0.3	0.425	0.569
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.35	0.456	1.15	0.01	0.112	0.335	0.031	0.243	0.693	1.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.07	0.068	0.1	0.03	0.	0.021	0.032	0.05	0.083	0.099
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	26.5	25.	32.	17.	28.889	5.375	17.3	20.	29.	32.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	5.8	5.78	7.6	4.2	1.606	1.267	4.21	4.525	6.925	7.54
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	2.45	2.51	3.4	1.6	0.39	0.624	1.63	1.975	3.175	3.4
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	16.02	18.102	32.4	11.12	47.91	6.922	11.251	13.143	21.908	31.92
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	2.56	2.66	3.78	1.72	0.469	0.685	1.747	2.058	3.323	3.741
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	10 ###	5.	7.	25.	5.	40.	6.325	5.	5.	5.	23.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ###	15.	16.	25.	15.	10.	3.162	15.	15.	15.	24.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10 ###	8.5	12.8	46.	5.	158.178	12.577	5.	5.	15.25	43.
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	811.	792.4	1411.	79.	136002.489	368.785	126.6	573.	1057.75	1380.4
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10 ###	25.	30.	50.	25.	111.111	10.541	25.	25.	31.25	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	99.	91.9	156.	11.	1676.544	40.946	16.4	65.75	118.	152.5
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ###	15.	16.	25.	15.	10.	3.162	15.	15.	15.	24.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10 ###	8.	10.	25.	5.	42.889	6.549	5.	5.	13.5	24.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	10	18.	38.05	200.	1.	3629.469	60.245	1.4	5.	41.75	186.8
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	10	1.238	1.18	2.301	0.	0.426	0.652	0.07	0.699	1.597	2.254
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			15.131								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.035	0.044	0.07	0.02	0.	0.019	0.021	0.03	0.063	0.07

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### Annual Analysis for 1995 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	9	15.	16.678	27.	9.	52.034	7.213	9.	9.5	23.8	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	9	23.	19.	29.	2.	111.5	10.559	2.	7.5	28.5	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	9	6040.	7965.889	21350.	1280.	38379518.861	6195.121	1280.	4138.	11279.5	21350.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	9	20.5	29.989	80.	9.1	478.594	21.877	9.1	15.65	41.	80.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	9	60.	59.444	120.	35.	602.778	24.552	35.	45.	60.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	113.	108.667	172.	50.	1344.5	36.667	50.	76.5	131.	172.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	8.9	8.411	10.8	6.	2.274	1.508	6.	7.05	9.45	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	0.9	1.013	1.6	0.7	0.096	0.309	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.5	6.601	7.	6.1	0.098	0.313	6.1	6.39	6.9	7.
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.5	6.503	7.	6.1	0.108	0.329	6.1	6.39	6.9	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.316	0.314	0.794	0.1	0.05	0.223	0.1	0.126	0.407	0.794
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	9	6.8	6.867	7.4	6.4	0.118	0.343	6.4	6.6	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	9	6.8	6.759	7.4	6.4	0.131	0.361	6.4	6.6	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	9	0.158	0.174	0.398	0.04	0.015	0.121	0.04	0.065	0.258	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	9	23.	23.111	29.	12.	23.361	4.833	12.	22.	26.	29.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	7	120.	119.143	142.	100.	239.81	15.486	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	7	32.	28.857	32.	23.	16.81	4.1	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	6##	0.01	0.022	0.06	0.01	0.	0.02	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	6	0.445	0.442	0.6	0.33	0.01	0.101	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	6	0.445	0.462	0.58	0.31	0.01	0.098	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	6	0.07	0.068	0.09	0.05	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	6	15.5	17.667	40.	5.	143.867	11.994	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	5	3.2	4.68	10.3	2.7	10.132	3.183	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	5	2.3	2.08	3.4	0.7	1.107	1.052	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	6	11.355	12.587	26.99	1.04	92.347	9.61	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	6	2.635	2.748	3.88	2.12	0.367	0.606	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/28/85-12/11/96	5##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	5##	15.	15.	15.	15.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	5##	5.	8.6	17.	5.	28.8	5.367	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	5	981.	902.6	1041.	678.	22347.3	149.49	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	5##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	5	71.	81.	119.	36.	1279.5	35.77	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	5##	15.	19.	35.	15.	80.	8.944	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	5##	5.	8.8	18.	5.	33.2	5.762	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	8	29.	56.625	240.	8.	5729.125	75.691	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	8	1.458	1.538	2.38	0.903	0.181	0.425	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.527								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	6	0.04	0.043	0.07	0.02	0.	0.02	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	17.15	17.89	30.5	8.	64.994	8.062	8.2	10.675	24.4	30.31
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	23.	21.1	32.	4.	85.656	9.255	4.5	15.	29.75	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	6463.	6955.273	12991.	1586.	15661467.418	3957.457	1931.2	3669.	11627.	12873.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	20.	20.37	40.7	7.4	78.031	8.834	7.76	16.4	23.3	39.05
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	40.	49.	80.	30.	304.444	17.448	30.5	38.75	70.	79.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	138.5	136.3	202.	80.	1906.233	43.66	80.6	94.25	175.25	201.2
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	8.85	8.74	12.3	6.1	3.36	1.833	6.15	6.9	9.775	12.07
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	0.75	0.663	1.	0.3	0.086	0.292	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.67	6.627	6.96	6.2	0.074	0.273	6.203	6.433	6.855	6.954
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.651	6.547	6.96	6.2	0.082	0.286	6.203	6.432	6.855	6.954
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	10	0.223	0.284	0.631	0.11	0.036	0.189	0.111	0.14	0.384	0.627
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	9	7.2	7.144	7.5	6.6	0.073	0.27	6.6	7.	7.35	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	9	7.2	7.06	7.5	6.6	0.081	0.284	6.6	7.	7.35	7.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1996 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	9	0.063	0.087	0.251	0.032	0.005	0.067	0.032	0.045	0.103	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	9	27.	26.889	39.	18.	47.111	6.864	18.	21.	32.	39.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	9	119.	136.778	210.	100.	1249.194	35.344	100.	111.	159.5	210.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	9	18.	21.	34.	12.	45.75	6.764	12.	16.5	25.5	34.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	8 ##	0.01	0.078	0.5	0.01	0.029	0.172	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	8	0.36	0.374	0.48	0.3	0.004	0.067	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	8	0.385	0.37	0.62	0.21	0.019	0.138	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	8	0.065	0.063	0.11	0.01	0.001	0.033	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	28.	49.	232.	20.	4172.	64.591	20.2	25.	37.25	212.9
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	9	6.2	6.833	10.	4.5	2.835	1.684	4.5	5.9	8.25	10.
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/05/84-12/11/96	9	2.9	3.044	4.	2.1	0.36	0.6	2.1	2.6	3.6	4.
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	11	21.15	21.364	36.6	10.7	72.147	8.494	10.834	14.47	27.63	35.46
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	11	2.54	2.307	2.98	1.33	0.235	0.485	1.4	2.08	2.57	2.936
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/28/85-12/11/96	10 ##	5.	4.8	5.	3.	0.4	0.632	3.2	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10 ##	15.	13.5	15.	0.	22.5	4.743	1.5	15.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10 ##	5.5	8.3	19.	5.	22.456	4.739	5.	5.	10.75	18.4
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	10	777.5	844.6	1384.	579.	61415.378	247.821	588.4	673.75	981.75	1359.6
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	10 ##	50.	44.	50.	18.	160.889	12.684	18.4	43.	50.	50.
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	10	86.	101.1	216.	44.	2650.989	51.488	45.1	67.	133.25	209.6
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10 ##	15.	13.5	15.	0.	22.5	4.743	1.5	15.	15.	15.
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10	11.	10.7	15.	5.	11.789	3.433	5.	8.75	13.25	14.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	9	28.	64.	320.	20.	9376.75	96.834	20.	21.5	51.	320.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	9	1.447	1.588	2.505	1.301	0.145	0.381	1.301	1.332	1.707	2.505
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			38.688								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	8	0.05	0.05	0.1	0.01	0.001	0.027	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	42	26.75	25.6	32.	12.	24.363	4.936	18.65	21.9	29.625	31.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	43	28.	26.337	36.	12.	39.437	6.28	17.	20.	32.	33.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	43	3075.	7176.628	100000.	662.	232948347.953	15262.646	1052.	1423.	6774.	12598.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	38	13.	15.224	42.	6.6	49.844	7.06	7.38	9.925	19.25	23.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	38	37.5	41.447	80.	25.	187.713	13.701	25.	30.	50.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	42	167.5	167.095	265.	70.	2013.015	44.867	110.	140.	200.	215.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	41	6.6	6.69	9.4	4.7	1.466	1.211	5.14	6.	7.2	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	31	0.9	1.006	2.1	0.3	0.232	0.482	0.34	0.7	1.4	1.78
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	40	6.9	6.903	7.5	5.8	0.093	0.306	6.61	6.8	7.075	7.3
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	40	6.9	6.765	7.5	5.8	0.113	0.336	6.61	6.8	7.075	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	40	0.126	0.172	1.585	0.032	0.058	0.24	0.05	0.085	0.158	0.246
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	38	7.	6.908	7.5	5.6	0.126	0.354	6.49	6.775	7.1	7.22
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	38	7.	6.683	7.5	5.6	0.177	0.421	6.49	6.775	7.1	7.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	38	0.1	0.207	2.512	0.032	0.165	0.406	0.061	0.079	0.169	0.324
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	37	26.	27.135	39.	17.	30.898	5.559	20.8	22.5	31.5	35.2
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	36	135.	133.667	172.	64.	520.971	22.825	106.	120.	150.	164.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	36	23.5	25.444	52.	6.	144.083	12.003	10.7	16.25	33.5	44.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	41	0.04	0.063	0.33	0.01	0.005	0.068	0.01	0.015	0.085	0.127
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	42	0.385	0.6	6.64	0.22	0.942	0.97	0.286	0.338	0.58	0.808
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	43	0.33	0.327	0.7	0.01	0.02	0.143	0.184	0.25	0.38	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	43	0.08	0.078	0.17	0.01	0.001	0.032	0.04	0.06	0.1	0.116
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	41	23.	28.341	232.	5.	1106.78	33.268	16.	19.	28.5	32.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	41	5.4	5.415	10.	1.7	2.916	1.708	3.4	4.3	6.2	8.3
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	40	2.5	2.545	4.	1.2	0.522	0.722	1.61	1.9	3.275	3.58
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	26	19.345	19.361	32.51	1.04	57.48	7.582	9.395	15.253	25.293	29.57
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	24	2.975	3.025	4.38	1.69	0.516	0.719	2.115	2.415	3.51	4.13
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/28/85-12/11/96	35 ###	5.	7.571	29.	1.	39.899	6.317	4.2	5.	6.	17.8
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	33 ###	12.	12.121	32.	1.	32.797	5.727	5.	10.	15.	17.6
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	41	9.	16.537	128.	4.	561.905	23.705	5.	5.	16.5	31.4
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	41	773.	878.39	1751.	79.	146875.594	383.244	446.4	611.5	1107.5	1443.8
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	41 ###	15.	22.78	59.	1.	250.076	15.814	1.4	15.	33.	49.8
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	41	95.	107.151	274.	11.	2765.939	52.592	50.	67.	139.	182.4
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	37 ###	15.	17.351	58.	1.	105.401	10.266	7.	15.	17.	30.8
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	37	5.	8.554	36.	1.	46.58	6.825	4.5	5.	10.5	16.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	37	27.	39.459	200.	3.	1578.436	39.73	7.	15.	53.	86.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/84-12/11/96	37	1.431	1.419	2.301	0.477	0.173	0.416	0.84	1.176	1.724	1.931
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.213								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	23	103.	207.478	860.	18.	60555.715	246.081	29.6	43.	284.	724.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	23	2.013	2.054	2.934	1.255	0.239	0.489	1.47	1.633	2.453	2.86
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			113.206								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	43	0.06	0.058	0.1	0.01	0.001	0.023	0.024	0.04	0.07	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	52	11.	11.056	17.	6.	8.066	2.84	7.5	9.	13.	15.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	53	16.	15.	26.	1.	44.5	6.671	5.4	10.	19.5	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	53	6570.	8554.811	44300.	475.	48086832.041	6934.467	1815.8	4255.5	12033.	14120.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	48	17.5	19.879	80.	4.6	166.311	12.896	7.11	11.25	24.15	35.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	48	50.	51.667	120.	25.	374.823	19.36	30.	40.	63.75	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	52	90.	101.135	190.	6.	1698.785	41.216	61.3	75.	137.5	167.8
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	52	9.5	9.583	12.3	6.5	1.251	1.118	8.4	8.825	10.	11.14
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	43	0.9	0.927	2.	0.25	0.187	0.433	0.44	0.6	1.1	1.7
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	51	6.8	6.785	8.3	6.1	0.152	0.389	6.284	6.5	7.	7.28
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	51	6.8	6.642	8.3	6.1	0.172	0.415	6.284	6.5	7.	7.28

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	51	0.158	0.228	0.794	0.005	0.035	0.186	0.053	0.1	0.316	0.52
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	48	6.95	6.9	7.6	5.9	0.169	0.411	6.18	6.7	7.1	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	48	6.947	6.659	7.6	5.9	0.228	0.478	6.18	6.7	7.1	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	48	0.113	0.219	1.259	0.025	0.1	0.317	0.04	0.079	0.2	0.668
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	48	22.5	23.083	39.	12.	28.546	5.343	15.9	20.	26.	30.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	45	114.	119.733	210.	44.	1032.836	32.138	86.	100.	144.	161.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	45	16.	18.6	39.	4.	71.7	8.468	8.	13.5	25.5	30.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	44	0.08	0.087	0.37	0.01	0.005	0.069	0.01	0.03	0.12	0.155
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	45	0.46	0.502	1.62	0.06	0.084	0.29	0.26	0.36	0.54	0.704
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	44	0.42	0.416	1.15	0.01	0.048	0.219	0.07	0.305	0.528	0.705
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	44	0.08	0.101	0.6	0.02	0.008	0.092	0.04	0.05	0.128	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	48	22.	22.771	43.	7.	58.138	7.625	13.7	18.	27.75	34.1
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	47	5.8	5.664	13.8	0.7	5.231	2.287	3.18	4.1	6.6	8.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	47	2.3	2.362	3.6	0.7	0.396	0.629	1.48	2.	2.8	3.22
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	32	12.77	16.158	37.7	2.71	95.017	9.748	4.801	10.588	23.138	33.429
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	28	2.48	2.574	3.99	1.33	0.415	0.644	1.716	2.143	2.918	3.811
01027	CADMIUM, TOTAL (UG/L AS CD)	08/28/85-12/11/96	44 ##	5.	6.795	31.	1.	35.98	5.998	3.	5.	5.	12.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	39 ##	10.	12.641	78.	2.	147.868	12.16	3.	5.	15.	19.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	46	8.5	13.435	77.	1.	192.696	13.881	5.	5.	17.25	29.9
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	47	921.	1096.681	5280.	386.	699240.179	836.206	525.	675.	1105.	1997.6
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	47 ##	15.	24.787	137.	1.	542.345	23.288	2.	15.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	47	71.	78.106	146.	16.	778.184	27.896	44.	61.	93.	122.2
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	44 ##	15.	14.614	35.	1.	58.103	7.623	1.	15.	15.	26.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	44	7.	13.511	146.	1.	513.668	22.664	2.25	5.	14.	25.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	48	23.	46.25	320.	3.	4336.149	65.849	10.	15.	44.75	93.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	48	1.362	1.439	2.505	0.477	0.17	0.412	1.	1.176	1.651	1.967
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			27.456								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	27	40.	59.778	290.	2.	5346.853	73.122	6.8	15.5	71.	187.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	27	1.602	1.5	2.462	0.301	0.289	0.538	0.783	1.19	1.851	2.265
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			31.603								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	44	0.06	0.065	0.13	0.01	0.001	0.033	0.023	0.03	0.09	0.115

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	34	23.	23.085	30.	15.5	16.579	4.072	16.5	20.	26.25	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/03/84-12/11/96	36	26.	26.194	35.	20.	17.133	4.139	21.	22.25	29.	32.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	35	4541.	6002.629	15205.	212.	19286765.24	4391.67	1306.8	1991.	8591.	13775.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	30	15.	16.883	40.	1.4	66.06	8.128	9.12	11.	21.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	28	40.	43.571	70.	25.	160.847	12.683	29.5	35.	57.5	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	33	120.	125.303	192.	65.	1031.093	32.111	82.	98.5	150.	171.2
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	33	6.8	7.145	13.2	5.5	2.019	1.421	6.	6.3	7.55	8.86
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	25	1.	1.676	17.	0.1	10.59	3.254	0.23	0.45	1.55	2.24
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	31	6.9	6.919	7.6	6.4	0.053	0.231	6.612	6.8	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	31	6.9	6.862	7.6	6.4	0.057	0.238	6.612	6.8	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	31	0.126	0.137	0.398	0.025	0.006	0.075	0.063	0.1	0.158	0.245
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	30	6.95	6.927	7.4	6.6	0.045	0.213	6.61	6.7	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	30	6.947	6.878	7.4	6.6	0.048	0.219	6.61	6.7	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	30	0.113	0.132	0.251	0.04	0.004	0.062	0.063	0.079	0.2	0.246
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	30	26.	25.667	31.	16.	12.575	3.546	20.	24.	28.	30.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	29	122.	119.828	168.	20.	783.148	27.985	84.	114.	135.	146.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	30	26.5	27.333	62.	10.	164.713	12.834	12.1	18.	32.	51.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	36	0.07	0.103	0.5	0.01	0.012	0.108	0.01	0.033	0.12	0.266
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	36	0.455	0.463	1.08	0.05	0.058	0.24	0.161	0.3	0.62	0.782
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	35	0.39	0.42	1.04	0.07	0.034	0.185	0.262	0.32	0.47	0.682

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### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	36	0.07	0.085	0.19	0.02	0.002	0.048	0.03	0.05	0.13	0.16
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	35	23.	23.971	42.	11.	61.44	7.838	14.6	17.	30.	36.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	35	5.9	5.62	11.1	1.9	5.033	2.243	2.66	4.1	7.2	8.28
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	35	2.4	2.346	4.8	0.7	0.475	0.689	1.6	2.	2.6	2.94
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	24	16.46	15.975	27.63	2.91	30.843	5.554	8.625	13.08	19.595	23.69
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	22	2.545	2.783	5.93	1.12	0.974	0.987	1.769	2.283	3.158	3.999
01027	CADMIUM, TOTAL (UG/L AS Cd)	08/28/85-12/11/96	30 ###	5.	7.033	23.	1.	23.137	4.81	4.1	5.	7.75	16.4
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	27 ##	12.	10.556	16.	0.	27.103	5.206	1.	5.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	33	10.	159.212	4860.	1.	712216.86	843.929	2.6	5.	18.5	33.8
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	35	911.	965.857	2366.	340.	180350.714	424.677	450.4	674.	1156.	1551.2
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	36 ##	15.5	21.972	52.	1.	177.228	13.313	11.1	15.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	36	91.5	97.194	191.	46.	1182.218	34.383	56.7	72.	115.75	148.1
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	30 ###	15.	16.4	77.	0.	156.386	12.505	10.	14.5	15.	21.4
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	30	11.	13.967	57.	3.	148.792	12.198	5.	5.	15.75	35.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	29	14.	27.483	150.	1.	1165.259	34.136	2.	6.	37.5	80.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/05/84-12/11/96	29	1.146	1.149	2.176	0.	0.3	0.548	0.301	0.778	1.571	1.903
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			14.103								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	9	112.	159.222	600.	14.	32244.194	179.567	14.	42.	200.5	600.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	9	2.049	1.987	2.778	1.146	0.227	0.477	1.146	1.623	2.29	2.778
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			97.068								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	35	0.05	0.057	0.1	0.02	0.001	0.022	0.03	0.04	0.075	0.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0019

NPS Station ID: COSW0019      LAT/LON: 33.752781/ -80.608337

Location: WATEREE R. AT LITTLE R.; 1.6 MI US SANTEE R.

Station Type: /TYPA/IND/OUTFL/AMBNT/FISH/STREAM/SOLIDS/TISSUE/BIO

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER

RF1 Index: 03050104001

RF3 Index: 03050104078900.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIRONMENTAL CONTROL      FIRST REPORTING DATE: MAY, 1983

STATION ESTABLISHED MAY 1983 AS PRIMARY STATION IN AMBIENT MONITORING NETWORK.

WATEREE RIVER AT LITTLE RIVER; 1.6 MILES ABOVE ITS CONFLUENCE WITH THE CONGAREE RIVER (SANTEE RIVER).

STATION IS 10 MILES SE EASTOVER.      RICHLAND-SUMTER COUNTY LINE.

NO FLOW MEASUREMENTS OBTAINED.

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CW-222

Within Park Boundary: No

Date Created: 05/07/83

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 9.00

Distance from RF3: 0.21

On/Off RF1: ON

On/Off RF3:

## Parameter Inventory for Station: COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	175	20.	19.879	35.5	5.	59.695	7.726	9.	13.	27.	30.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	167	20.5	20.521	36.	3.	54.637	7.392	10.8	14.5	27.	30.
00061 FLOW, STREAM, INSTANTANEOUS CFS	12/27/89-12/27/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	162	16.	18.225	85.	1.	154.373	12.425	5.5	9.1	24.	32.7
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/06/83-07/06/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	131	60.	63.206	400.	10.	1456.18	38.16	36.	50.	60.	80.
00300 OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	175	7.4	7.846	12.2	4.4	2.825	1.681	6.1	6.4	9.4	10.4
00310 BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	164	1.	1.115	5.8	0.1	0.365	0.605	0.6	0.8	1.3	1.8
00335 COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	55	7.3	8.996	28.	2.5	46.32	6.806	2.5	2.5	13.	19.
00339 COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/12/83-11/24/86	4	835.	802.5	1000.	540.	39491.667	198.725	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	09/25/87-09/25/87	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/27/83-06/26/97	175	6.9	6.877	8.24	4.3	0.196	0.442	6.462	6.6	7.12	7.4
00400 CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	175	6.9	6.325	8.24	4.3	0.502	0.709	6.462	6.6	7.12	7.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	175	0.126	0.473	50.119	0.006	14.279	3.779	0.04	0.076	0.251	0.345
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	166	127.5	133.717	345.	6.	2706.459	52.024	75.	95.	161.25	210.
00403 PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	110	7.	6.995	7.9	5.8	0.124	0.353	6.5	6.8	7.2	7.4
00403 CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	110	7.	6.832	7.9	5.8	0.151	0.389	6.5	6.8	7.2	7.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	110	0.1	0.147	1.585	0.013	0.035	0.187	0.04	0.063	0.158	0.316
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	164	24.	24.207	41.	10.	36.852	6.071	16.	20.	29.	32.
00500 RESIDUE, TOTAL (MG/L)	03/22/85-12/18/86	2	23.5	23.5	29.	18.	60.5	7.778	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	157	22.	26.841	140.	3.	382.122	19.548	10.	15.	32.	43.6
00556 OIL & GREASE (FREON EXTR.-GRAV METH) TOT.REC.MG/L	01/16/87-01/16/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00557 OIL & GREASE,SED.DRY WT,FREON EXTR.-GRAV METH,MG/KG	12/12/83-11/16/89	7	530.	712.5	2600.	2.5	741222.917	860.943	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	164	0.05	0.076	1.1	0.025	0.013	0.116	0.025	0.025	0.09	0.15
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	166	0.45	0.538	10.5	0.18	0.659	0.812	0.3	0.38	0.52	0.62
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/12/83-11/20/84	2 ##	31.875	31.875	62.5	1.25	1875.781	43.31	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	11	49.	102.455	680.	20.	37197.273	192.866	20.	20.	73.	559.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	165	0.35	0.35	0.74	0.01	0.015	0.121	0.21	0.27	0.425	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	165	0.09	0.096	0.26	0.01	0.001	0.037	0.06	0.07	0.12	0.144
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/12/83-02/22/96	13	120.	196.288	790.	1.25	47981.228	219.046	23.15	72.25	222.	680.8
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	161	5.8	6.017	19.3	1.	6.801	2.608	2.7	4.4	7.15	8.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/12/83-12/12/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/23/83-02/13/97	16	21.5	22.5	32.	17.	15.067	3.882	17.7	19.5	24.75	28.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/23/83-03/07/86	3	4.6	4.833	5.9	4.	0.943	0.971	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-10/13/89	4	2.05	2.175	2.7	1.9	0.143	0.377	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/27/89-12/27/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	158 ##	5.	7.228	352.	5.	762.101	27.606	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	13	2.5	4.108	23.	1.6	32.634	5.713	1.68	2.25	2.9	15.48
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	158 ##	5.	13.291	25.	5.	94.832	9.738	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	158 ##	10.	17.184	370.	5.	919.246	30.319	5.	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/12/83-02/22/96	13 ##	2.5	2.954	12.	0.5	10.479	3.237	0.5	0.5	2.5	10.08
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	158	1300.	1332.468	3800.	210.	400753.741	633.051	569.	900.	1700.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	158 ##	25.	26.456	230.	25.	269.524	16.417	25.	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/12/83-02/22/96	13 ##	2.5	4.154	24.	2.5	35.558	5.963	2.5	2.5	2.5	15.4
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	158	80.	92.722	1400.	25.	11860.062	108.904	50.	60.	100.	130.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	158 ##	10.	16.551	70.	10.	73.217	8.557	10.	10.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	13 ##	2.5	2.354	9.6	1.	5.303	2.303	1.	1.	2.5	6.76
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/06/83-10/22/86	17 ##	0.5	0.818	2.4	0.5	0.322	0.567	0.5	0.5	1.	2.08
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	10/21/86-10/22/86	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	158 ##	25.	26.551	250.	5.	1144.236	33.827	5.	5.	25.	61.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/12/83-02/22/96	13	7.1	10.331	46.	0.5	140.097	11.836	1.3	3.4	12.5	35.2
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/18/86-04/19/90	12	485.	648.333	1900.	140.	235815.152	485.608	182.	315.	957.5	1624.
01360	SAMPLE LENGTH CM	07/06/83-06/10/85	7	35.	35.486	63.	13.5	422.358	20.551	**	**	**	**
01361	SAMPLE LENGTH-MAXIMUM CM	01/20/84-10/22/86	10	36.3	37.18	67.2	15.5	432.391	20.794	15.58	16.825	55.5	66.03
01362	SAMPLE WEIGHT-MAXIMUM G	01/20/84-10/22/86	10	759.	1138.4	3300.	74.	1508936.711	1228.388	75.8	102.5	2002.5	3258.
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	01/20/84-10/22/86	10	323.5	643.1	1720.	48.	455540.322	674.937	48.3	54.	1312.5	1683.
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	01/20/84-10/22/86	10	32.16	34.348	59.07	15.03	377.618	19.432	15.081	15.555	52.835	58.535
01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	01/20/84-10/22/86	10	28.6	31.77	54.9	14.	335.973	18.33	14.03	14.525	50.875	54.61
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	01/20/84-10/22/86	10	555.725	899.468	2493.33	63.67	903737.665	950.651	64.563	78.397	1663.75	2459.497
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	07/06/83-06/10/85	7	354.	1280.571	4440.	40.	2949094.286	1717.293	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/92-03/29/96	12	50.	1026.917	11000.	14.	9911464.992	3148.248	15.8	23.25	125.	7940.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/92-03/29/96	12	1.699	1.926	4.041	1.146	0.661	0.813	1.193	1.365	2.085	3.7
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			84.426								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	132	44.5	61.227	500.	5.	4932.666	70.233	15.	26.	69.25	120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	132	1.648	1.627	2.699	0.699	0.128	0.357	1.176	1.415	1.84	2.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.35								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	141 ##	5.	5.521	46.	0.5	13.9	3.728	5.	5.	5.	5.
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISM/GK	10/21/86-10/22/86	3 ##	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34209	ACENAPHTHENE WET WGTTISM/GK	10/21/86-10/22/86	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34223	ANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34224	ANTHRACENE WET WGTTISM/GK	10/21/86-10/22/86	3 ##	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34234	BENZO(B)FLUORANTHENE, TISSUE, WET WGT,MG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/25/85-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/23/95-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	05/25/90-03/27/97	11 ##	1.	3.455	10.	1.	17.673	4.204	1.	1.	10.	10.
34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/06/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/10/88-03/27/97	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	10/21/86-10/22/86	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	8 ##	10.	9.	10.	2.	8.	2.828	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/10/88-03/27/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/10/88-03/27/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/10/88-03/27/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/10/88-03/27/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	10/21/86-10/22/86	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34384	FLUORENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	10/21/86-10/22/86	3 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34411	ISOPHORONE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34437 N-NITROSODIPHENYLAMINE WET WGTTISM/KG	10/21/86-10/21/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34438 N-NITROSODIMETHYLAMINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34441 N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34445 NAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34446 NAPHTHALENE WET WGTTISM/KG	10/21/86-10/22/86	3 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
34447 NITROBENZENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34450 NITROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34452 PARACHLOROMETA CRESOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34455 PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	1 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34461 PHENANTHRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34464 PHENANTHRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34465 PHENANTHRENE WET WGTTISM/KG	10/21/86-10/22/86	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34469 PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34472 PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34473 PYRENE WET WGTTISM/KG	10/21/86-10/22/86	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34478 TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34483 TOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34487 TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34491 TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34495 VINYL CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34499 1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34504 1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34509 1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34514 1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34519 1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34521 BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34524 BENZO(GH)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34526 BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34529 BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34530 BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISM/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34534 1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34535 1,2-DICHLOROETHANE WET WGTTISM/KG	05/25/90-05/25/90	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	1.7	2.	1.	0.233	0.483	1.	1.	2.	2.
34539 1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34544 1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34549 TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34554 1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34556 1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34559 1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	1.7	2.	1.	0.233	0.483	1.	1.	2.	2.
34569 1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	1.7	2.	1.	0.233	0.483	1.	1.	2.	2.
34574 1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34579 2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34581 2-CHLORONAPHTHALENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34584 2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34586 2-CHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34589 2-CHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34591 2-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34594 2-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34596 DI-N-OCTYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/10/88-02/22/96	7 ##	150.	150.	150.	150.	0.	0.	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/10/88-03/15/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/06/92	4 ##	150.	150.	150.	150.	0.	0.	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.222	4.	2.	0.444	0.667	2.	2.	4.
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.222	4.	2.	0.444	0.667	2.	2.	4.
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34649	4-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	1 ##	150.	150.	150.	150.	0.	0.	**	**	**
34671	PCB - 1016 TOTWUG/L	06/10/88-03/27/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	07/06/83-10/22/86	17 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/25/85-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/23/87-02/22/96	8 ##	150.	168.75	300.	150.	2812.5	53.033	**	**	**
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/15/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/23/87-02/06/92	4 ##	150.	150.	150.	150.	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/25/90-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.613	8.35	1.	4.502	2.122	1.	1.	6.145
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10 ##	1.	1.081	1.81	1.	0.066	0.256	1.	1.	1.729
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.198	3.38	1.	0.472	0.687	1.	1.	2.666
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.125	2.5	1.	0.188	0.433	1.	1.	2.05
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	07/06/83-10/22/86	17 ##	2.5	3.906	26.4	2.5	33.601	5.797	2.5	2.5	7.28
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, UG/L	03/30/87-03/27/97	10 ##	0.025	0.07	0.25	0.025	0.009	0.095	0.025	0.081	0.25
39351	CHLORDANE(TECH MIX&METABS), SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	8 ##	1.	1.813	7.5	1.	5.281	2.298	**	**	**
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17	65.1	82.735	214.	8.8	4808.844	69.346	12.48	25.7	119.	211.6
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17 ##	2.5	5.788	52.3	2.5	145.836	12.076	2.5	2.5	2.5	17.332
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/06/83-10/22/86	17	0.07	0.086	0.26	0.009	0.006	0.075	0.018	0.025	0.115	0.22
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.038
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.2	1.25	0.025	0.198	0.445	0.025	0.025	0.025	1.25
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	12 ##	1.	3.833	35.	1.	96.333	9.815	1.	1.	1.	24.8
39407	TOXAPHENE IN FISH OR ANIMAL (UG/KG WET WEIGHT)	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/10/85-10/22/86	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/12/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/10/85-10/22/86	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/12/83-02/04/94	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39482	METHOXYCHLOR IN FISH - UG/KG	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.306	0.5	0.25	0.012	0.11	0.25	0.25	0.375	0.5
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/23/87-02/04/94	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.225	0.25	0.025	0.006	0.075	0.025	0.25	0.25	0.25
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.225	0.25	0.025	0.006	0.075	0.025	0.25	0.25	0.25
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/23/87-02/22/96	8 ##	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/06/83-10/22/86	17	0.198	0.256	0.685	0.025	0.045	0.213	0.025	0.041	0.428	0.603
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/30/87	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-11/24/86	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/27/97	10 ##	2.	1.415	2.	0.05	0.887	0.942	0.05	0.05	2.	2.
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/23/87-02/22/96	8 ##	150.	131.5	150.	2.	2738.	52.326	**	**	**	**
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/30/87-03/04/94	7 ##	0.05	0.046	0.05	0.025	0.	0.009	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/23/87-02/04/94	6 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	12 ##	1.	1.02	1.24	1.	0.005	0.069	1.	1.	1.	1.168
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	07/06/83-10/22/86	17 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/04/94	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/04/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/25/85-11/24/86	6	0.	0.	0.	0.	0.	0.	**	**	**	**
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	12/14/84-11/24/86	7	0.	0.143	1.	0.	0.143	0.378	**	**	**	**
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
70310	PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/89-11/16/89	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/22/95-02/22/96	2	34.5	34.5	47.	22.	312.5	17.678	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/12/83-02/22/96	13 ##	0.5	0.831	5.	0.3	1.572	1.254	0.38	0.5	0.5	3.2
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	156 ##	0.1	0.106	0.4	0.1	0.001	0.033	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/12/83-02/22/96	13 ##	0.15	0.15	0.15	0.15	0.	0.	0.15	0.15	0.15	0.15
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/06/83-10/22/86	17 ##	0.125	0.142	0.42	0.125	0.005	0.072	0.125	0.125	0.125	0.184
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	17 ##	1.	0.947	2.1	0.5	0.303	0.55	0.5	0.5	1.1	2.02
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	17 ##	0.5	0.824	2.6	0.5	0.293	0.541	0.5	0.5	1.	1.64
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	17	12.	13.976	30.	6.8	36.604	6.05	6.8	10.	17.5	25.2
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	07/06/83-10/22/86	17 ##	0.5	1.	3.6	0.5	0.839	0.916	0.5	0.5	1.	3.12
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/06/83-10/22/86	17 ##	0.1	0.129	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
77089	ANILINE WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77247	BENZOIC ACID WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77625	AZOBENZENE WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/23/87-02/22/95	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/04/94	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/10/88-02/22/96	7 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	7 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
79005	CHLORDANE, GAMMA, IN FISH UG/KG	07/06/83-07/06/83	1	26.4	26.4	26.4	26.4	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
79041	BENZO(GH)PERYLENE TISWETWTMG/KG	10/21/86-10/22/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/06/83-10/22/86	17	3.	3.	6.	1.	3.5	1.871	1.	5.	5.2	5.2
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	01/20/84-01/20/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/06/83-10/22/86	17 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	05/27/93-03/04/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	10.	15.333	26.	10.	85.333	9.238	**	**	**	**
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-10/22/86	7	14.	18.086	74.	1.2	653.625	25.566	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/21/86-10/22/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/21/86-10/22/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	166	0.3	0.616	50.	0.3	14.914	3.862	0.3	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/10/88-02/04/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER																
	Other-Hi Lim.	50.	162	3	0.02	54	2	0.04	66	1	0.02	42	0	0.00			
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	175	0	0.00	65	0	0.00	65	0	0.00	45	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	175	0	0.00	65	0	0.00	65	0	0.00	45	0	0.00			
	Other-Lo Lim.	6.5	175	38	0.22	65	12	0.18	65	16	0.25	45	10	0.22			
00403	PH, LAB																
	Other-Hi Lim.	9.	110	0	0.00	40	0	0.00	42	0	0.00	28	0	0.00			
	Other-Lo Lim.	6.5	110	14	0.13	40	4	0.10	42	6	0.14	28	4	0.14			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	165	0	0.00	58	0	0.00	66	0	0.00	41	0	0.00			
00720	CYANIDE, TOTAL																
	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
	Drinking Water	0.2	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL																
	Fresh Acute	3.9	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	5.	2 &	2	1.00				1	1	1.00	1	1	1.00			
01034	CHROMIUM, TOTAL																
	Drinking Water	100.	158	0	0.00	55	0	0.00	63	0	0.00	40	0	0.00			
01042	COPPER, TOTAL																
	Fresh Acute	18.	96 &	10	0.10	33	2	0.06	37	4	0.11	26	4	0.15			
	Drinking Water	1300.	158	0	0.00	55	0	0.00	63	0	0.00	40	0	0.00			
01051	LEAD, TOTAL																
	Fresh Acute	82.	158	1	0.01	55	0	0.00	63	0	0.00	40	1	0.03			
	Drinking Water	15.	2 &	2	1.00							2	2	1.00			
01067	NICKEL, TOTAL																
	Fresh Acute	1400.	158	0	0.00	55	0	0.00	63	0	0.00	40	0	0.00			
	Drinking Water	100.	158	0	0.00	55	0	0.00	63	0	0.00	40	0	0.00			
01092	ZINC, TOTAL																
	Fresh Acute	120.	158	5	0.03	55	1	0.02	63	4	0.06	40	0	0.00			
	Drinking Water	5000.	158	0	0.00	55	0	0.00	63	0	0.00	40	0	0.00			
31615	FECAL COLIFORM, MPN																
	Other-Hi Lim.	200.	12	2	0.17	3	0	0.00	6	2	0.33	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																
	Other-Hi Lim.	200.	132	6	0.05	44	3	0.07	53	1	0.02	35	2	0.06			
32101	BROMODICHLOROMETHANE, WHOLE WATER																
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER																
	Fresh Acute	35200.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
32104	BROMOFORM, WHOLE WATER																
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER																
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32106	CHLOROFORM, WHOLE WATER																
	Fresh Acute	28900.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E																
	Fresh Acute	17500.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	1000.	8	0	0.00				6	0	0.00	2	0	0.00			
34205	ACENAPHTHENE, TOTAL																
	Fresh Acute	1700.	9	0	0.00				7	0	0.00	2	0	0.00			
34301	CHLOROBENZENE, TOTAL																
	Drinking Water	100.	11	0	0.00				9	0	0.00	2	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL																
	Fresh Acute	0.22	9	0	0.00				6	0	0.00	3	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL																
	Fresh Acute	0.22	9	0	0.00				6	0	0.00	3	0	0.00			
34371	ETHYLBENZENE, TOTAL																
	Fresh Acute	32000.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	700.	8	0	0.00				6	0	0.00	2	0	0.00			
34376	FLUORANTHENE, TOTAL																
	Fresh Acute	3980.	9	0	0.00				7	0	0.00	2	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL																
	Fresh Acute	7.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	50.	9	0	0.00				7	0	0.00	2	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL																
	Fresh Acute	90.	9	0	0.00				7	0	0.00	2	0	0.00			
34396	HEXACHLOROETHANE, TOTAL																
	Fresh Acute	980.	9	0	0.00				7	0	0.00	2	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE																
	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL																
	Fresh Acute	117000.	9	0	0.00				7	0	0.00	2	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL																
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34447	NITROBENZENE, TOTAL																
	Fresh Acute	27000.	9	0	0.00				7	0	0.00	2	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL																
	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34461	PHENANTHRENE, TOTAL																
	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL																
	Fresh Acute	5280.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL																
	Drinking Water	7.	8	0	0.00				6	0	0.00	2	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL																
	Drinking Water	200.	8	0	0.00				6	0	0.00	2	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL																
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL																
	Fresh Acute	118000.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL																
	Drinking Water	600.	10	0	0.00				7	0	0.00	3	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL																
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	8	0	0.00			6	0	0.00	2	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	9	0	0.00			7	0	0.00	2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	10	0	0.00			7	0	0.00	3	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	10	0	0.00			7	0	0.00	3	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	9	0	0.00			7	0	0.00	2	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	9	0	0.00			7	0	0.00	2	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	9	0	0.00			7	0	0.00	2	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	9	0	0.00			7	0	0.00	2	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	9	0	0.00			7	0	0.00	2	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	9	0	0.00			7	0	0.00	2	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	9	0	0.00			7	0	0.00	2	0	0.00			
		Drinking Water	1.	0 &	0	0.00											
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	9	0	0.00			7	0	0.00	2	0	0.00			
		Drinking Water	6.	9	0	0.00			7	0	0.00	2	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	8	0	0.00			6	0	0.00	2	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	8	0	0.00			6	0	0.00	2	0	0.00			
		Drinking Water	5.	8	0	0.00			6	0	0.00	2	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	14	0	0.00			11	0	0.00	3	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	14	0	0.00			11	0	0.00	3	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	14	0	0.00			11	0	0.00	3	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	14	0	0.00			11	0	0.00	3	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	10	0	0.00			7	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00			7	0	0.00	3	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	14	0	0.00			11	0	0.00	3	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	14	0	0.00			11	0	0.00	3	0	0.00			
		Drinking Water	2.	14	0	0.00			11	0	0.00	3	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	12 &	0	0.00			9	0	0.00	3	0	0.00			
		Drinking Water	3.	14	0	0.00			11	0	0.00	3	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00			11	0	0.00	3	0	0.00			
		Drinking Water	0.4	14	0	0.00			11	0	0.00	3	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00			11	0	0.00	3	0	0.00			
		Drinking Water	0.2	14	0	0.00			11	0	0.00	3	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	11	0	0.00			8	0	0.00	3	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	11	0	0.00			8	0	0.00	3	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	10	0	0.00			7	0	0.00	3	0	0.00			
		Drinking Water	1.	3 &	0	0.00						3	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00			1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00			1	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	14	0	0.00			11	0	0.00	3	0	0.00			
		Drinking Water	0.2	14	0	0.00			11	0	0.00	3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	156	0	0.00	53	0	0.00	63	0	0.00	40	0	0.00		
		Drinking Water	2.	156	0	0.00	53	0	0.00	63	0	0.00	40	0	0.00		
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	9	0	0.00			7	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1983 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	11	28.5	25.136	32.	11.5	42.705	6.535	12.3	23.	30.	31.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	8	24.75	22.563	29.	14.	35.603	5.967	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	8	12.	16.25	43.	6.	137.929	11.744	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	4	50.	45.	60.	20.	300.	17.321	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	11	6.6	6.955	8.8	6.	0.917	0.957	6.04	6.2	7.5	8.72
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	8	0.9	1.1	2.2	0.6	0.32	0.566	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	7	6.6	5.971	12.2	2.5	13.679	3.699	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	11	6.6	6.673	7.	6.5	0.032	0.179	6.5	6.5	6.8	6.98
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	11	6.6	6.642	7.	6.5	0.033	0.182	6.5	6.5	6.8	6.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	11	0.251	0.228	0.316	0.1	0.007	0.083	0.105	0.158	0.316	0.316
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	11	135.	133.909	240.	70.	1686.891	41.072	77.	115.	140.	220.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	8	6.7	6.775	7.3	6.4	0.136	0.369	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	8	6.655	6.656	7.3	6.4	0.153	0.391	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	8	0.221	0.221	0.398	0.05	0.023	0.151	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/27/83-06/26/97	8	22.5	21.875	25.	16.	7.554	2.748	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	7	33.	55.143	140.	12.	2476.81	49.768	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	7	0.11	0.129	0.3	0.025	0.011	0.105	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	7	0.48	0.75	2.3	0.38	0.481	0.693	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	7	0.24	0.244	0.36	0.09	0.009	0.094	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	7	0.08	0.081	0.16	0.01	0.002	0.048	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	7	2.2	3.286	8.3	1.5	5.778	2.404	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	4 ##	5.	91.75	352.	5.	30102.25	173.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	4 ##	25.	111.25	370.	25.	29756.25	172.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	4	1400.	1350.	2000.	600.	336666.667	580.23	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	4	80.	80.	100.	60.	333.333	18.257	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	4	40.	41.25	72.	13.	694.917	26.361	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	4	1.578	1.532	1.857	1.114	0.109	0.331	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.02								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	5	2.	3.1	6.	0.5	5.3	2.302	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	21.	19.986	30.5	7.	68.334	8.266	7.5	12.75	28.	29.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	11	20.5	21.091	33.	11.	47.641	6.902	11.4	15.	26.5	32.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	18.5	21.4	51.	2.1	241.944	15.555	2.43	6.375	31.75	48.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	11	60.	62.727	100.	50.	161.818	12.721	52.	60.	60.	92.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	14	7.7	7.957	11.	5.7	3.264	1.807	5.85	6.225	9.6	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	1.05	1.133	2.	0.5	0.157	0.396	0.59	0.825	1.375	1.85
00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	12 ##	2.5	5.583	19.	2.5	30.083	5.485	2.5	2.5	7.	17.5
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	14	6.85	6.643	7.3	4.3	0.561	0.749	5.15	6.575	7.025	7.25
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	14	6.847	5.423	7.3	4.3	2.164	1.471	5.15	6.575	7.025	7.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	14	0.142	3.778	50.119	0.05	177.956	13.34	0.057	0.095	0.267	25.559
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	14	112.5	117.286	345.	58.	5098.989	71.407	59.	67.5	126.25	240.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	6.85	6.833	7.1	6.3	0.048	0.219	6.39	6.8	6.975	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	6.847	6.773	7.1	6.3	0.052	0.228	6.39	6.8	6.975	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.142	0.169	0.501	0.079	0.013	0.114	0.079	0.106	0.158	0.426
00410	ALKALINITY, TOTAL (MG/L AS CAC03)	05/27/83-06/26/97	12	18.5	18.75	25.	15.	11.659	3.415	15.	15.25	20.75	24.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	12	33.	34.25	110.	8.	756.023	27.496	8.	15.5	40.5	92.6

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.135	0.214	1.1	0.025	0.095	0.308	0.025	0.05	0.16	0.923
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.51	0.7	1.68	0.29	0.239	0.489	0.308	0.383	0.87	1.68
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.33	0.327	0.41	0.24	0.003	0.052	0.249	0.275	0.358	0.407
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.12	0.123	0.17	0.06	0.001	0.035	0.066	0.095	0.158	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	3.75	4.275	8.6	2.1	3.471	1.863	2.16	2.85	5.6	7.88
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1400.	1570.	3300.	410.	823109.091	907.254	416.	825.	1975.	3210.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	75.	77.083	110.	25.	683.902	26.152	32.5	60.	100.	110.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	25.	33.333	80.	25.	383.333	19.579	25.	25.	25.	77.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	7	51.	63.143	110.	32.	698.143	26.422	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	7	1.708	1.769	2.041	1.505	0.032	0.179	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			58.698								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	12 ##	5.	5.5	11.	5.	3.	1.732	5.	5.	5.	9.2
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.167	0.4	0.1	0.01	0.098	0.1	0.1	0.2	0.37
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	21.	20.321	30.5	6.5	62.216	7.888	9.	12.75	28.	29.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	20.25	19.417	30.	9.5	58.765	7.666	9.65	10.25	26.25	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	4.55	4.892	9.	2.4	3.643	1.909	2.43	3.5	6.25	8.34
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	12	60.	53.75	60.	20.	141.477	11.894	27.5	50.	60.	60.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	14	6.95	7.843	12.2	5.2	4.292	2.072	5.65	6.275	9.325	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	11	1.2	1.409	3.2	0.4	0.597	0.773	0.46	1.	1.9	3.
00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	12	9.	11.042	28.	2.5	88.748	9.421	2.5	2.5	18.75	27.1
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	14	7.	6.868	7.4	6.25	0.108	0.329	6.375	6.575	7.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	14	7.	6.749	7.4	6.25	0.124	0.352	6.375	6.575	7.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	14	0.1	0.178	0.562	0.04	0.021	0.146	0.051	0.079	0.267	0.439
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	14	150.	141.429	210.	65.	2143.956	46.303	75.	97.5	180.	205.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	6.85	6.9	7.2	6.8	0.016	0.128	6.8	6.8	7.	7.14
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	6.847	6.884	7.2	6.8	0.017	0.129	6.8	6.8	7.	7.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.142	0.13	0.158	0.063	0.001	0.033	0.074	0.1	0.158	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	23.	23.667	32.	15.	36.424	6.035	15.3	18.	30.	31.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	19.	25.455	51.	10.	220.873	14.862	10.4	15.	37.	51.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.06	0.075	0.19	0.025	0.003	0.057	0.025	0.025	0.133	0.175
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.485	0.482	0.7	0.25	0.026	0.16	0.253	0.348	0.635	0.685
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.3	0.298	0.43	0.13	0.009	0.094	0.142	0.233	0.388	0.424
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.07	0.093	0.26	0.025	0.005	0.07	0.025	0.053	0.14	0.236
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	4.95	5.942	13.	2.2	12.368	3.517	2.23	3.525	7.475	12.76
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1400.	1333.333	2300.	400.	338787.879	582.055	460.	775.	1775.	2180.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	42.083	230.	25.	3502.083	59.178	25.	25.	25.	168.5
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	75.	87.083	150.	25.	1292.992	35.958	35.5	62.5	120.	144.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	25.	35.833	120.	25.	803.788	28.351	25.	25.	25.	102.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	10	28.	54.2	250.	6.	5338.4	73.064	6.4	13.75	64.	233.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	10	1.437	1.484	2.398	0.778	0.223	0.472	0.8	1.132	1.797	2.353
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.5								

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### Annual Analysis for 1985 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
71900 MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.108	0.2	0.1	0.001	0.029	0.1	0.1	0.1	0.17
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	23.75	21.321	31.2	7.	70.676	8.407	9.	13.5	30.	30.85
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	14	22.75	21.536	31.	4.5	55.633	7.459	9.5	16.125	28.5	30.75
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	8.8	10.683	28.	1.	52.432	7.241	1.96	5.625	15.	24.7
00080 COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	12	60.	55.833	60.	50.	26.515	5.149	50.	50.	60.	60.
00300 OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	14	6.85	7.386	10.6	4.4	2.983	1.727	5.25	6.1	8.625	10.25
00310 BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	0.85	0.908	1.6	0.5	0.106	0.326	0.5	0.7	1.15	1.51
00335 COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	12	13.	11.792	25.	2.5	54.203	7.362	2.5	3.875	14.75	24.4
00400 PH (STANDARD UNITS)	05/27/83-06/26/97	14	6.975	6.982	7.5	6.6	0.077	0.278	6.6	6.763	7.225	7.425
00400 CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	14	6.974	6.906	7.5	6.6	0.083	0.289	6.6	6.762	7.225	7.425
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	14	0.106	0.124	0.251	0.032	0.005	0.073	0.038	0.06	0.175	0.251
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	14	152.5	159.714	266.	75.	3606.527	60.054	75.	113.75	215.	253.
00403 PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	7.05	7.025	7.5	6.2	0.131	0.362	6.35	6.8	7.3	7.47
00403 CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	7.047	6.859	7.5	6.2	0.161	0.402	6.35	6.8	7.3	7.47
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.09	0.138	0.631	0.032	0.027	0.164	0.034	0.05	0.158	0.502
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	27.5	26.167	37.	10.	76.152	8.726	10.6	20.25	34.	36.4
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	17.	18.818	30.	10.	28.964	5.382	11.	16.	24.	28.8
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.07	0.067	0.11	0.025	0.001	0.03	0.025	0.034	0.08	0.11
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.465	0.464	0.67	0.18	0.015	0.121	0.234	0.408	0.548	0.634
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.43	0.427	0.52	0.3	0.004	0.061	0.312	0.403	0.47	0.508
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.09	0.088	0.12	0.06	0.	0.016	0.063	0.08	0.09	0.117
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	4.85	5.292	8.5	2.6	2.732	1.653	2.93	4.225	6.5	7.99
01027 CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042 COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	25.	27.917	60.	25.	102.083	10.104	25.	25.	25.	49.5
01045 IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1050.	1104.167	1600.	450.	106571.97	326.454	585.	900.	1350.	1600.
01051 LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055 MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	75.	85.417	170.	25.	1533.902	39.165	32.5	62.5	100.	161.
01067 NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092 ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	19.	30.	67.	5.	413.8	20.342	6.4	15.	46.	64.4
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	1.279	1.369	1.826	0.699	0.117	0.342	0.775	1.176	1.663	1.807
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			23.392								
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	12 ##	5.	5.917	11.	5.	4.629	2.151	5.	5.	5.	10.7
71900 MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	11	16.5	18.045	29.5	8.	56.223	7.498	8.	12.5	26.	29.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	11	19.	19.636	32.	9.5	50.305	7.093	10.	14.5	27.	31.2
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	10	18.	18.81	26.	9.1	27.072	5.203	9.59	16.25	23.	26.
00080 COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	9	60.	46.111	60.	25.	273.611	16.541	25.	30.	60.	60.
00300 OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	11	8.2	8.527	11.4	6.2	2.94	1.715	6.2	6.8	9.8	11.2

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1987 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	11	1.2	1.645	5.8	0.8	1.999	1.414	0.82	1.	1.6	5.02
00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	11	10.	9.727	16.	5.	14.618	3.823	5.	12.	15.8	
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	11	7.1	7.045	7.8	6.5	0.149	0.386	6.54	6.7	7.3	7.72
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	11	7.1	6.91	7.8	6.5	0.169	0.412	6.54	6.7	7.3	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	11	0.079	0.123	0.316	0.016	0.009	0.094	0.021	0.05	0.2	0.293
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	11	130.	126.818	195.	75.	1241.364	35.233	78.	95.	150.	188.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	11	6.9	6.727	7.4	5.8	0.272	0.522	5.86	6.3	7.2	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	11	6.9	6.44	7.4	5.8	0.363	0.602	5.86	6.3	7.2	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	11	0.126	0.363	1.585	0.04	0.219	0.468	0.042	0.063	0.501	1.427
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	11	18.	18.182	29.	12.	18.164	4.262	12.6	16.	19.	27.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	24.	25.545	43.	10.	106.073	10.299	11.6	18.	35.	42.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.06	0.069	0.13	0.025	0.001	0.033	0.025	0.05	0.098	0.121
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.48	0.462	0.57	0.33	0.006	0.076	0.342	0.388	0.505	0.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.345	0.313	0.48	0.01	0.016	0.127	0.061	0.235	0.398	0.465
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.12	0.108	0.17	0.025	0.002	0.046	0.025	0.085	0.14	0.167
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	4.45	4.342	7.	2.2	2.219	1.49	2.23	2.875	5.225	6.76
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1400.	1391.667	2400.	500.	419015.152	647.314	530.	675.	1875.	2340.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	100.	203.75	1400.	25.	143623.295	378.977	32.5	62.5	147.5	1028.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12##	25.	28.75	70.	25.	168.75	12.99	25.	25.	25.	56.5
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12	65.	64.583	120.	25.	1506.629	38.815	25.	25.	100.	117.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	9	52.	90.667	360.	24.	10973.25	104.753	24.	40.	98.5	360.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	9	1.716	1.804	2.556	1.38	0.118	0.343	1.38	1.6	1.983	2.556
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			63.737								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	9##	5.	6.	14.	5.	9.	3.	5.	5.	5.	14.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	17.25	19.133	31.	6.1	76.268	8.733	6.82	10.75	27.75	30.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	21.5	20.083	30.	8.	58.083	7.621	8.9	11.5	27.25	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	9.8	13.883	45.	5.4	120.46	10.975	5.43	7.75	16.	38.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	9	50.	47.222	60.	30.	156.944	12.528	30.	32.5	60.	60.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.6	8.167	10.9	6.1	3.279	1.811	6.19	6.475	10.25	10.81
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	1.	1.142	2.2	0.4	0.301	0.548	0.43	0.75	1.55	2.11
00335	COD, .025N K2CR2O7 MG/L	05/27/83-01/22/88	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.125	7.058	7.8	6.15	0.281	0.53	6.255	6.525	7.475	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.119	6.775	7.8	6.15	0.369	0.608	6.255	6.525	7.475	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.076	0.168	0.708	0.016	0.042	0.204	0.017	0.034	0.3	0.59
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	12	157.5	161.667	230.	90.	2678.788	51.757	91.5	105.	208.75	227.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	7.3	7.208	7.9	6.4	0.279	0.528	6.43	6.6	7.725	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	7.3	6.922	7.9	6.4	0.368	0.607	6.43	6.6	7.725	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.05	0.12	0.398	0.013	0.02	0.14	0.014	0.02	0.269	0.374
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	28.5	28.	41.	18.	56.727	7.532	18.	20.5	34.25	39.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	8	25.5	21.75	36.	6.	103.071	10.152	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.115	0.177	0.75	0.05	0.039	0.197	0.053	0.08	0.16	0.63
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.47	0.472	0.53	0.38	0.002	0.046	0.392	0.443	0.515	0.53
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.3	0.34	0.74	0.18	0.025	0.157	0.186	0.21	0.398	0.668
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.09	0.09	0.17	0.025	0.001	0.035	0.036	0.073	0.1	0.155
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	10	4.9	5.53	12.3	2.7	8.287	2.879	2.73	3.375	6.925	11.86

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1095.	985.	1500.	340.	162500.	403.113	397.	570.	1375.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	90.	95.833	200.	60.	1262.879	35.537	63.	72.5	100.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	25.	25.	25.	0.	0.	25.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	25.	32.083	110.	25.	602.083	24.537	25.	25.	84.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	12	89.	123.333	500.	10.	18346.424	135.449	15.7	33.5	162.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	12	1.921	1.876	2.699	1.	0.22	0.469	1.139	1.525	2.209
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	12		75.248							
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	11 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	0.525	3.	0.3	0.608	0.779	0.3	0.3	2.19

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	19.	18.75	28.5	5.	61.75	7.858	6.5	11.75	26.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	21.5	20.167	30.	3.	59.606	7.72	5.4	17.	26.25
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	10	22.5	21.73	42.	6.	137.151	11.711	6.35	9.725	29.25
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	8	60.	60.625	90.	25.	374.554	19.353	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.3	7.75	11.8	5.3	4.17	2.042	5.33	6.225	9.55
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	11	0.9	0.9	1.2	0.5	0.046	0.214	0.52	0.8	1.1
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.2	7.167	7.7	6.5	0.186	0.431	6.5	6.725	7.575
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.2	6.963	7.7	6.5	0.231	0.481	6.5	6.725	7.575
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.063	0.109	0.316	0.02	0.013	0.115	0.021	0.027	0.208
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	05/27/83-06/26/97	11	140.	133.182	190.	80.	1566.364	39.577	80.	90.	165.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	11	7.	7.036	7.4	6.7	0.039	0.196	6.72	6.9	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	11	7.	6.997	7.4	6.7	0.04	0.201	6.72	6.9	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	11	0.1	0.101	0.2	0.04	0.002	0.046	0.044	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	11	24.	24.545	32.	18.	15.873	3.984	18.8	22.	27.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	22.	26.091	58.	9.	237.291	15.404	9.6	12.	41.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	11	0.12	0.109	0.15	0.025	0.002	0.039	0.032	0.09	0.15
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	11	0.48	0.498	0.74	0.24	0.019	0.138	0.264	0.42	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	11	0.29	0.305	0.62	0.01	0.036	0.191	0.024	0.18	0.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	11	0.1	0.104	0.14	0.07	0.001	0.026	0.072	0.08	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	11	7.7	7.727	13.8	4.	8.25	2.872	4.14	5.3	9.4
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	10 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	9.5
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	10 ##	7.5	10.5	40.	5.	113.611	10.659	5.	5.	10.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	10	1100.	1315.	2700.	610.	507205.556	712.184	610.	700.	1850.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	10	85.	93.	160.	50.	1290.	35.917	51.	60.	122.5
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	10	25.	33.5	140.	5.	1566.944	39.585	5.5	10.	40.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	45.	64.455	220.	19.	3440.673	58.657	19.4	26.	89.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	1.653	1.685	2.342	1.279	0.108	0.328	1.287	1.415	1.949
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11		48.458							
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	11 ##	5.	5.	5.	0.	0.	0.	5.	5.	5.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	19.25	20.458	30.	10.	48.43	6.959	10.3	16.	27.5	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	24.5	23.625	32.	11.	38.869	6.235	13.1	19.	28.375	31.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	11	21.	23.909	42.	12.	93.891	9.69	12.2	16.	30.	41.
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	9	60.	55.556	60.	30.	102.778	10.138	30.	55.	60.	60.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.2	7.633	9.5	6.	1.69	1.3	6.06	6.5	9.2	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	0.95	0.9	1.3	0.5	0.078	0.28	0.53	0.6	1.1	1.3
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.725	6.837	7.6	6.	0.17	0.412	6.135	6.663	7.1	7.48
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.724	6.651	7.6	6.	0.208	0.456	6.135	6.663	7.1	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.189	0.223	1.	0.025	0.068	0.261	0.037	0.079	0.218	0.806
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	9	95.	117.778	190.	80.	1750.694	41.841	80.	90.	152.5	190.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	7.1	7.125	7.6	6.6	0.089	0.299	6.66	6.925	7.4	7.57
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	7.1	7.034	7.6	6.6	0.098	0.314	6.66	6.925	7.4	7.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.079	0.093	0.251	0.025	0.004	0.064	0.027	0.04	0.119	0.223
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	21.	22.083	32.	13.	46.447	6.815	13.3	15.5	28.	32.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	21.	23.091	54.	7.	201.691	14.202	8.	12.	29.	51.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	11	0.05	0.061	0.16	0.025	0.002	0.04	0.025	0.025	0.09	0.146
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.485	1.353	10.5	0.36	8.321	2.885	0.366	0.41	0.745	7.596
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	11	0.33	0.325	0.42	0.21	0.006	0.078	0.216	0.25	0.41	0.418
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	11	0.09	0.09	0.14	0.05	0.001	0.023	0.054	0.08	0.1	0.134
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	11	6.9	7.282	13.	4.9	5.894	2.428	4.9	5.2	8.9	12.28
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	5.	7.083	10.	5.	6.629	2.575	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1100.	1235.833	2300.	450.	418590.152	646.985	456.	652.5	1875.	2270.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	27.083	50.	25.	52.083	7.217	25.	25.	25.	42.5
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	65.	77.5	160.	40.	1202.273	34.674	40.	52.5	97.5	145.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	5.	15.417	40.	5.	220.265	14.841	5.	5.	30.	40.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	46.	96.222	400.	19.	15327.944	123.806	19.	26.5	135.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	1.663	1.754	2.602	1.279	0.192	0.438	1.279	1.423	2.115	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	1.663	1.754	2.602	1.279	0.192	0.438	1.279	1.423	2.115	2.602
32730	GEOMETRIC MEAN =	05/27/83-06/26/97	9	1.663	1.754	2.602	1.279	0.192	0.438	1.279	1.423	2.115	2.602
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	11 ##	5.	9.182	46.	5.	151.364	12.303	5.	5.	5.	38.8
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	17.25	18.083	28.	9.	43.174	6.571	9.3	11.75	23.375	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	20.	20.833	33.	9.	73.606	8.579	9.9	12.25	29.5	32.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	21.	21.325	40.	5.9	117.068	10.82	7.13	11.5	30.5	37.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	11	60.	72.727	200.	50.	1841.818	42.916	50.	60.	60.	176.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.35	7.575	10.2	5.4	2.684	1.638	5.43	6.125	9.125	10.08
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	1.1	1.225	2.7	0.2	0.393	0.627	0.38	0.9	1.575	2.43
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.85	6.883	7.4	6.4	0.075	0.273	6.46	6.713	7.087	7.34
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.847	6.808	7.4	6.4	0.081	0.284	6.46	6.712	7.087	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.142	0.156	0.398	0.04	0.009	0.097	0.047	0.082	0.194	0.354
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	11	100.	107.727	155.	55.	1121.818	33.494	58.	90.	150.	155.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	12	7.15	7.117	7.3	6.9	0.025	0.159	6.9	6.925	7.275	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	12	7.147	7.09	7.3	6.9	0.026	0.161	6.9	6.925	7.275	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	12	0.071	0.081	0.126	0.05	0.001	0.031	0.05	0.053	0.119	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	23.	25.	34.	17.	31.091	5.576	17.9	21.	29.75	33.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	12	23.5	23.167	48.	6.	169.788	13.03	6.3	11.75	35.	44.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12	0.05	0.061	0.17	0.025	0.002	0.042	0.025	0.025	0.078	0.149
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.385	0.391	0.58	0.21	0.015	0.122	0.21	0.305	0.51	0.559

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### Annual Analysis for 1991 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.33	0.349	0.74	0.01	0.033	0.182	0.067	0.235	0.473	0.665
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.095	0.091	0.17	0.03	0.001	0.038	0.033	0.063	0.11	0.155
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	11	6.6	7.027	12.8	5.	5.056	2.249	5.02	5.2	7.7	12.02
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	5.	6.667	20.	5.	19.697	4.438	5.	5.	5.	17.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1400.	1545.	2700.	640.	306845.455	553.936	778.	1125.	1875.	2550.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	85.	85.833	110.	50.	444.697	21.088	53.	65.	107.5	110.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	7.5	15.	50.	5.	195.455	13.981	5.	5.	20.	44.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	10	48.	54.1	130.	17.	1281.211	35.794	17.1	21.	79.	124.9
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	10	1.672	1.643	2.114	1.23	0.092	0.303	1.233	1.321	1.898	2.092
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			43.97								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	16.5	18.167	30.	9.	53.97	7.346	9.15	11.	24.875	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	16.	16.375	28.	4.	55.597	7.456	4.9	10.75	23.5	27.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	18.5	19.575	29.	8.9	39.186	6.26	10.43	14.5	26.	28.7
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	6	80.	117.5	400.	10.	20037.5	141.554	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.25	7.783	10.4	5.8	3.072	1.753	5.83	6.125	9.75	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	1.35	1.175	2.2	0.1	0.377	0.614	0.19	0.575	1.55	2.08
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.825	6.846	7.2	6.5	0.044	0.209	6.5	6.763	6.988	7.17
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.824	6.799	7.2	6.5	0.046	0.215	6.5	6.762	6.988	7.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.15	0.159	0.316	0.063	0.007	0.081	0.068	0.103	0.173	0.316
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	10	117.5	118.	160.	70.	745.556	27.305	72.	97.5	138.75	159.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	8	7.2	7.175	7.4	6.9	0.028	0.167	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	8	7.2	7.146	7.4	6.9	0.029	0.17	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	8	0.063	0.071	0.126	0.04	0.001	0.029	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	25.	24.917	30.	17.	15.902	3.988	18.2	21.5	28.	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	12	27.5	29.	75.	3.	340.727	18.459	5.1	16.	36.5	65.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.043
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.415	0.393	0.56	0.19	0.012	0.111	0.208	0.305	0.47	0.551
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.37	0.371	0.58	0.17	0.014	0.12	0.191	0.273	0.45	0.565
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.095	0.097	0.14	0.06	0.	0.022	0.066	0.08	0.118	0.134
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	7.2	7.058	8.6	4.9	1.317	1.148	5.2	6.05	8.05	8.6
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	5.	10.833	50.	5.	171.97	13.114	5.	5.	10.	41.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1250.	1250.833	2600.	450.	287317.424	536.02	522.	902.5	1400.	2300.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	70.	83.333	150.	50.	878.788	29.644	53.	60.	100.	141.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	10.	11.667	30.	10.	33.333	5.774	10.	10.	10.	24.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	5.	7.5	30.	5.	52.273	7.23	5.	5.	5.	24.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	42.	57.889	130.	15.	1841.361	42.911	15.	23.	100.5	130.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	1.623	1.653	2.114	1.176	0.111	0.333	1.176	1.358	1.994	2.114
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	9	1.623	1.653	2.114	1.176	0.111	0.333	1.176	1.358	1.994	2.114
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	22.5	20.458	31.	9.	64.794	8.049	9.45	11.5	27.875	30.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	18.5	19.75	34.	6.	71.295	8.444	7.8	13.	26.75	33.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	17.5	22.608	85.	4.2	479.372	21.895	4.98	8.125	26.5	70.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	11	50.	70.455	160.	45.	1807.273	42.512	45.	45.	70.	158.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.6	7.967	11.2	6.1	2.855	1.69	6.16	6.45	9.4	10.93
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	1.1	1.2	1.9	0.4	0.247	0.497	0.46	0.9	1.775	1.87
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.5	6.542	7.1	5.95	0.105	0.325	6.025	6.288	6.788	7.04
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.5	6.432	7.1	5.95	0.119	0.344	6.025	6.288	6.787	7.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.316	0.37	1.122	0.079	0.085	0.291	0.093	0.163	0.521	0.975
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	12	165.	145.917	270.	6.	7778.265	88.194	19.2	66.25	225.	264.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	29.	27.	37.	15.	50.	7.071	15.9	20.5	32.75	36.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	12	18.5	22.333	80.	6.	357.697	18.913	6.9	15.25	22.	62.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.41	0.403	0.53	0.27	0.006	0.075	0.282	0.35	0.455	0.518
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.29	0.312	0.49	0.24	0.005	0.068	0.243	0.27	0.338	0.451
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.07	0.074	0.14	0.04	0.001	0.026	0.043	0.06	0.087	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	11	5.5	6.055	10.	4.3	2.723	1.65	4.4	4.9	7.1	9.54
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1020.	1299.167	3800.	210.	887190.152	941.908	327.	687.5	1650.	3260.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	70.	75.833	110.	50.	335.606	18.32	53.	60.	90.	107.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	7.5	55.833	250.	5.	6558.333	80.984	5.	5.	100.	226.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	8	31.5	38.25	100.	9.	890.786	29.846	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	8	1.498	1.466	2.	0.954	0.125	0.354	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.208								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	12	0.3	4.442	50.	0.3	205.841	14.347	0.3	0.3	0.3	35.09

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	21.25	19.625	31.	6.5	68.96	8.304	6.95	11.875	27.5	30.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	22.	21.083	29.	11.	35.174	5.931	11.3	17.	26.	28.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	15.5	16.383	30.	7.	61.822	7.863	7.6	9.25	23.5	29.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	7	75.	75.	100.	50.	391.667	19.791	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	7.55	7.967	11.1	6.1	2.881	1.697	6.13	6.45	9.325	10.95
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	11	0.9	0.955	1.5	0.6	0.101	0.317	0.62	0.7	1.2	1.5
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.7	6.77	7.7	6.2	0.166	0.408	6.26	6.5	7.	7.529
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	6.689	6.631	7.7	6.2	0.187	0.433	6.26	6.5	7.	7.529
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.205	0.234	0.631	0.02	0.03	0.173	0.036	0.1	0.316	0.561
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	12	125.	128.333	180.	80.	992.424	31.503	83.	103.75	147.5	180.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	12	24.	24.667	31.	19.	14.242	3.774	19.3	21.5	27.75	30.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	11	25.	30.	92.	12.	468.	21.633	12.6	18.	32.	80.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.405	0.384	0.47	0.27	0.004	0.063	0.279	0.325	0.418	0.467
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.385	0.375	0.53	0.25	0.009	0.092	0.25	0.283	0.45	0.512
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.08	0.088	0.16	0.04	0.001	0.037	0.043	0.063	0.108	0.157
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	6.2	5.9	8.3	1.	3.382	1.839	1.96	5.65	6.925	7.97
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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### Annual Analysis for 1994 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	12	1300.	1232.5	2100.	350.	240675.	490.586	395.	980.	1475.	2010.
01051 LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055 MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	12	80.	82.5	100.	70.	93.182	9.653	70.	72.5	90.	97.
01067 NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092 ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	6	49.5	51.167	77.	27.	268.567	16.388	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	6	1.694	1.689	1.886	1.431	0.023	0.15	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			48.83								
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	12 ##	5.	5.5	11.	5.	3.	1.732	5.	5.	5.	9.2
71900 MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	10	22.	20.25	29.5	9.	54.958	7.413	9.3	12.375	26.625	29.25
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	10	23.5	21.5	28.	10.	42.5	6.519	10.4	16.25	27.25	28.
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	10	21.5	24.96	48.	8.6	164.327	12.819	9.04	13.75	34.75	47.2
00080 COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	9	80.	79.444	120.	50.	377.778	19.437	50.	67.5	85.	120.
00300 OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	10	7.5	7.98	11.	5.5	2.711	1.646	5.61	6.9	9.45	10.86
00310 BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	10	1.15	1.08	1.8	0.4	0.202	0.449	0.42	0.6	1.425	1.77
00400 PH (STANDARD UNITS)	05/27/83-06/26/97	10	6.9	6.821	7.46	6.2	0.164	0.405	6.205	6.438	7.087	7.431
00400 CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	10	6.889	6.652	7.46	6.2	0.196	0.442	6.205	6.437	7.087	7.431
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	10	0.129	0.223	0.631	0.035	0.045	0.212	0.038	0.082	0.378	0.624
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	05/27/83-06/26/97	10	137.5	133.5	200.	40.	2761.389	52.549	45.	93.75	182.5	199.
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	10	24.	24.6	34.	19.	15.822	3.978	19.2	22.5	25.5	33.3
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	10	20.	25.6	59.	13.	185.822	13.632	13.2	17.25	30.75	56.7
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	10	0.415	0.421	0.62	0.27	0.011	0.107	0.273	0.33	0.488	0.612
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	10	0.385	0.403	0.53	0.3	0.006	0.077	0.302	0.343	0.483	0.526
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	10	0.095	0.096	0.14	0.06	0.001	0.028	0.06	0.068	0.123	0.139
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	10	6.55	7.52	19.3	1.	25.471	5.047	1.21	4.6	9.7	18.46
01027 CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01042 COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	10 ##	5.	14.	50.	5.	210.	14.491	5.	5.	20.	47.
01045 IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	10	1750.	1746.	2600.	360.	499382.222	706.67	434.	1175.	2425.	2590.
01051 LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055 MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	10	90.	92.	140.	50.	951.111	30.84	51.	67.5	122.5	139.
01067 NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092 ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	10 ##	5.	7.5	20.	5.	23.611	4.859	5.	5.	10.	19.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	10	36.	42.5	83.	15.	506.278	22.501	15.4	23.5	64.25	81.2
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	10	1.556	1.57	1.919	1.176	0.06	0.244	1.186	1.368	1.808	1.908
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			37.122								
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	18.5	19.875	35.5	7.5	83.233	9.123	7.95	12.25	29.5	33.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	12	20.	22.167	36.	8.	78.333	8.851	9.8	14.5	30.75	35.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	12	13.	18.792	60.	6.3	279.135	16.707	6.39	8.2	21.25	55.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	8	50.	58.75	100.	40.	412.5	20.31	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	12	8.2	8.083	10.5	6.1	2.732	1.653	6.13	6.325	9.45	10.38
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	12	0.8	0.875	2.1	0.1	0.226	0.475	0.25	0.65	0.95	1.86
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.145	7.255	8.24	6.59	0.197	0.444	6.704	7.06	7.26	8.168
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	12	7.144	7.104	8.24	6.59	0.222	0.471	6.704	7.06	7.26	8.168
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	12	0.072	0.079	0.257	0.006	0.004	0.063	0.007	0.055	0.087	0.212
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	11	125.	145.	220.	60.	3270.	57.184	65.	100.	215.	220.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	11	30.	28.818	35.	16.	29.764	5.456	18.	26.	34.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	12	20.	24.75	71.	10.	269.114	16.405	10.6	13.75	31.5	59.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	11 ##	0.025	0.028	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.053
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	12	0.485	0.467	0.62	0.28	0.007	0.087	0.307	0.408	0.508	0.593
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	12	0.385	0.411	0.58	0.25	0.014	0.118	0.256	0.308	0.535	0.568
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	12	0.1	0.107	0.17	0.06	0.001	0.033	0.063	0.078	0.135	0.164
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	12	6.35	6.558	9.5	5.4	1.417	1.19	5.4	5.6	7.2	8.93
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	11	1300.	1332.727	2600.	640.	286441.818	535.203	674.	920.	1600.	2400.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	11	70.	77.273	140.	40.	761.818	27.601	42.	60.	80.	134.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	11 ##	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	11 ##	5.	15.	60.	5.	300.	17.321	5.	20.	54.	54.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	33.	38.182	95.	14.	576.364	24.008	14.6	20.	52.	88.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	1.519	1.512	1.978	1.146	0.065	0.255	1.163	1.301	1.716	1.938
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	11	1.519	1.512	1.978	1.146	0.065	0.255	1.163	1.301	1.716	1.938
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	5	16.5	16.8	28.5	9.	63.575	7.973	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	5	16.	16.	31.	7.	89.	9.434	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	5	21.	22.	26.	19.	8.5	2.915	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	5	70.	56.	70.	30.	380.	19.494	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	5	8.2	8.64	10.4	6.5	2.603	1.613	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	6	1.1	1.1	1.6	0.8	0.092	0.303	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	5	6.55	6.628	7.42	6.13	0.227	0.477	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	5	6.55	6.476	7.42	6.13	0.256	0.506	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	5	0.282	0.334	0.741	0.038	0.065	0.255	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	4	92.5	105.	145.	90.	716.667	26.771	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	5	23.	23.8	28.	22.	6.2	2.49	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	6	27.	26.167	41.	10.	175.367	13.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	6 ##	0.025	0.053	0.12	0.025	0.002	0.044	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	6	0.41	0.46	0.94	0.22	0.065	0.256	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	6	0.465	0.453	0.53	0.36	0.005	0.07	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	6	0.1	0.098	0.12	0.07	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	6	5.55	5.633	6.5	4.8	0.443	0.665	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045 IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	3	1600.	1496.667	2000.	890.	316033.333	562.168	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	3	60.	60.	80.	40.	400.	20.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	3	20.	15.	20.	5.	75.	8.66	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	5	38.	42.4	70.	12.	577.3	24.027	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	5	1.58	1.553	1.845	1.079	0.095	0.308	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			35.74								
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



# Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	65	28.	26.2	35.5	16.	20.186	4.493	18.	23.25	29.5	30.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	59	26.	24.941	36.	12.	33.389	5.778	16.	20.	29.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	54	11.5	15.75	60.	1.	157.3	12.542	4.	8.425	20.	34.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	47	60.	57.553	100.	20.	325.948	18.054	30.	50.	60.	82.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	65	6.4	6.526	8.1	4.4	0.563	0.75	5.5	6.1	7.1	7.5
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	56	0.9	1.105	5.8	0.1	0.694	0.833	0.5	0.7	1.275	1.92
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	65	6.8	6.892	8.	5.95	0.154	0.393	6.5	6.6	7.135	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	65	6.8	6.732	8.	5.95	0.18	0.425	6.5	6.6	7.135	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	65	0.158	0.185	1.122	0.01	0.032	0.179	0.04	0.074	0.251	0.316
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	63	160.	165.921	270.	75.	2172.752	46.613	112.	130.	205.	230.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	40	7.	7.028	7.9	5.8	0.171	0.413	6.43	6.8	7.3	7.49
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	40	7.	6.786	7.9	5.8	0.231	0.48	6.43	6.8	7.3	7.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	40	0.1	0.164	1.585	0.013	0.074	0.271	0.032	0.05	0.158	0.378
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	57	27.	26.211	41.	12.	42.991	6.557	16.8	21.	31.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	55	26.	31.055	140.	6.	665.534	25.798	8.8	13.	35.	63.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	58 ##	0.025	0.055	0.25	0.025	0.002	0.045	0.025	0.025	0.073	0.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	58	0.44	0.466	0.96	0.19	0.02	0.143	0.309	0.37	0.533	0.629
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	2	73.5	73.5	75.	72.	4.5	2.121	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	58	0.295	0.307	0.74	0.08	0.015	0.124	0.18	0.24	0.35	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	58	0.09	0.089	0.17	0.025	0.001	0.033	0.049	0.06	0.12	0.14
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/12/83-02/22/96	2	222.	222.	230.	214.	128.	11.314	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	57	6.	6.163	13.	1.5	5.757	2.399	2.84	4.45	7.3	9.32
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	55 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	2 ##	2.35	2.35	2.5	2.2	0.045	0.212	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	55 ##	5.	13.091	25.	5.	96.751	9.836	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	55 ##	10.	14.455	50.	5.	115.438	10.744	5.	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/12/83-02/22/96	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	55	1100.	1159.636	2600.	210.	346203.569	588.391	480.	640.	1400.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	55 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/12/83-02/22/96	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	55	90.	95.091	200.	25.	1198.603	34.621	56.	70.	110.	144.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	55 ##	10.	16.545	30.	10.	57.29	7.569	10.	10.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	55 ##	25.	26.455	140.	5.	844.141	29.054	5.	5.	25.	68.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/12/83-02/22/96	2	12.9	12.9	19.	6.8	74.42	8.627	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	44	54.5	82.295	500.	15.	8493.934	92.163	19.	34.25	92.	150.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	44	1.736	1.768	2.699	1.176	0.113	0.335	1.279	1.535	1.963	2.172
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			58.579								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	45 ##	5.	5.2	11.	2.	1.8	1.342	5.	5.	5.	5.
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/12/83-02/22/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	53 ##	0.1	0.106	0.3	0.1	0.001	0.03	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/12/83-02/22/96	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	62	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

# Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	65	11.5	11.486	18.	5.	9.194	3.032	7.3	9.	14.	15.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	65	13.5	14.031	27.	3.	26.358	5.134	7.6	10.5	18.	21.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	66	18.	20.67	85.	2.1	193.998	13.928	5.75	9.875	28.	40.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	52	60.	61.923	200.	10.	889.367	29.822	30.	50.	60.	80.
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	65	9.6	9.645	12.2	6.7	1.173	1.083	8.2	8.95	10.4	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	65	1.	1.051	1.9	0.1	0.143	0.378	0.6	0.8	1.25	1.6
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	65	6.9	6.895	8.24	4.3	0.298	0.546	6.4	6.525	7.2	7.5
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	65	6.9	6.022	8.24	4.3	1.071	1.035	6.4	6.525	7.2	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	65	0.126	0.95	50.119	0.006	38.396	6.196	0.032	0.063	0.299	0.398
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	61	95.	100.787	190.	40.	1096.27	33.11	60.	80.	122.5	150.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	42	7.	6.945	7.4	6.2	0.084	0.291	6.5	6.8	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	42	7.	6.841	7.4	6.2	0.096	0.309	6.5	6.8	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	42	0.1	0.144	0.631	0.04	0.014	0.118	0.05	0.063	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	66	22.5	22.424	34.	10.	30.586	5.531	15.	17.75	26.	31.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	61	18.	21.164	110.	3.	260.673	16.145	10.	13.	23.	34.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	66	0.05	0.093	1.1	0.025	0.02	0.143	0.025	0.025	0.123	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	66	0.46	0.502	2.3	0.22	0.083	0.287	0.334	0.4	0.51	0.62
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	9	42.	108.889	680.	20.	46239.861	215.035	20.	20.	64.5	680.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	66	0.4	0.383	0.62	0.01	0.013	0.115	0.27	0.318	0.455	0.523
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	66	0.095	0.105	0.26	0.01	0.002	0.042	0.067	0.08	0.125	0.17
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/12/83-02/22/96	11	110.	191.614	790.	1.25	57408.417	239.601	12.2	62.5	140.	735.4
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	63	5.6	5.91	13.8	1.	5.39	2.322	3.22	4.7	6.9	8.48
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	63 ##	5.	5.079	10.	5.	0.397	0.63	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	11	2.5	4.427	23.	1.6	38.426	6.199	1.64	2.3	3.3	19.24
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	63 ##	5.	13.651	25.	5.	93.715	9.681	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	63 ##	10.	15.317	50.	5.	120.865	10.994	5.	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/12/83-02/22/96	11 ##	2.5	3.218	12.	0.5	11.876	3.446	0.5	0.5	2.5	11.04
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	63	1400.	1467.46	3800.	340.	542306.349	736.415	604.	920.	1800.	2600.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	63 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/12/83-02/22/96	11 ##	2.5	4.455	24.	2.5	42.023	6.482	2.5	2.5	2.5	19.7
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	63	70.	93.254	1400.	25.	28494.483	168.803	50.	60.	90.	106.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	63 ##	10.	16.905	70.	10.	100.346	10.017	10.	10.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/12/83-02/22/96	11 ##	2.5	2.464	9.6	1.	6.165	2.483	1.	1.	2.5	8.18
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	63 ##	25.	29.841	250.	5.	1780.62	42.197	5.	5.	25.	76.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/12/83-02/22/96	11	7.1	9.864	46.	0.5	159.115	12.614	0.9	2.5	11.	39.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	53	36.	49.453	250.	5.	1480.868	38.482	20.4	28.	58.	95.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/27/83-06/26/97	53	1.556	1.606	2.398	0.699	0.075	0.274	1.31	1.447	1.763	1.98
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			40.381								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	58 ##	5.	6.172	46.	2.	31.619	5.623	5.	5.	5.	10.
34301	CHLORO BENZENE TOTWUG/L	05/25/90-03/27/97	9 ##	1.	4.	10.	1.	20.25	4.5	1.	1.	10.	10.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.735	8.35	1.	5.402	2.324	1.	1.	1.	7.615
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.238	3.38	1.	0.566	0.753	1.	1.	1.	3.142
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.15	2.5	1.	0.225	0.474	1.	1.	1.	2.35
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.027	0.05	0.025	0.	0.008	0.025	0.025	0.025	0.045
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.248	1.25	0.025	0.246	0.496	0.025	0.025	0.025	1.25
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/12/83-02/22/96	10 ##	1.	4.4	35.	1.	115.6	10.752	1.	1.	1.	31.6
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/12/83-02/22/96	10 ##	1.	1.	1.	1.	0.	1.	1.	1.	1.
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/12/83-02/22/96	10 ##	1.	1.024	1.24	1.	0.006	0.076	1.	1.	1.216
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	12/12/83-02/22/96	11 ##	0.5	0.891	5.	0.3	1.861	1.364	0.34	0.5	4.1
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	63 ##	0.1	0.108	0.4	0.1	0.002	0.041	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/12/83-02/22/96	11 ##	0.15	0.15	0.15	0.15	0.	0.	0.15	0.15	0.15
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	60	0.3	0.345	3.	0.3	0.122	0.349	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/83-06/26/97	45	23.	22.873	31.	14.5	21.081	4.591	16.8	18.5	26.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/83-06/26/97	43	25.	24.267	33.	13.	22.671	4.761	17.4	21.	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/27/83-06/26/97	42	16.5	17.567	37.	4.5	77.168	8.785	6.24	9.1	24.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/83-06/26/97	32	60.	73.594	400.	20.	3997.152	63.223	43.	60.	67.5
00300	OXYGEN, DISSOLVED MG/L	05/27/83-06/26/97	45	6.9	7.153	9.1	6.	0.803	0.896	6.06	6.4	7.95
00310	BOD, 5 DAY, 20 DEG C MG/L	05/27/83-06/26/97	43	1.2	1.226	2.7	0.4	0.274	0.523	0.6	0.8	1.6
00400	PH (STANDARD UNITS)	05/27/83-06/26/97	45	6.9	6.829	7.8	6.	0.113	0.336	6.442	6.6	7.095
00400	CONVERTED PH (STANDARD UNITS)	05/27/83-06/26/97	45	6.9	6.696	7.8	6.	0.131	0.361	6.442	6.6	7.095
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-06/26/97	45	0.126	0.201	1.	0.016	0.036	0.189	0.063	0.08	0.251
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	05/27/83-06/26/97	42	127.5	133.238	345.	6.	2794.771	52.866	83.	98.75	160.
00403	PH, LAB, STANDARD UNITS SU	05/27/83-08/21/92	28	7.05	7.025	7.8	6.3	0.12	0.347	6.49	6.825	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/83-08/21/92	28	7.047	6.89	7.8	6.3	0.139	0.373	6.49	6.825	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/83-08/21/92	28	0.09	0.129	0.501	0.016	0.014	0.116	0.031	0.063	0.15
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/27/83-06/26/97	41	24.	24.293	35.	12.	29.312	5.414	18.	21.	28.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/27/83-06/26/97	41	27.	29.634	58.	14.	119.238	10.92	15.4	21.	37.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/83-06/26/97	40	0.05	0.08	0.75	0.025	0.018	0.135	0.025	0.025	0.078
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/27/83-06/26/97	42	0.425	0.693	10.5	0.18	2.459	1.568	0.25	0.335	0.515
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/27/83-06/26/97	41	0.36	0.356	0.58	0.01	0.012	0.108	0.218	0.27	0.435
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/83-06/26/97	41	0.09	0.089	0.16	0.025	0.001	0.03	0.052	0.07	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/27/83-06/26/97	41	5.2	5.978	19.3	2.1	10.739	3.277	2.52	3.95	7.3
01027	CADMIUM, TOTAL (UG/L AS CD)	05/27/83-06/26/97	40 ##	5.	13.675	352.	5.	3010.225	54.866	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/83-06/26/97	40 ##	5.	13.	25.	5.	98.462	9.923	5.	5.	25.
01042	COPPER, TOTAL (UG/L AS CU)	05/27/83-06/26/97	40 ##	10.	23.875	370.	5.	3286.522	57.328	5.	5.	25.
01045	IRON, TOTAL (UG/L AS FE)	05/27/83-06/26/97	40	1400.	1357.5	2200.	400.	199598.718	446.765	620.	1025.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	05/27/83-06/26/97	40 ##	25.	30.75	230.	25.	1059.679	32.553	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/27/83-06/26/97	40	85.	88.625	160.	25.	760.24	27.572	60.	70.	100.
01067	NICKEL, TOTAL (UG/L AS NI)	05/27/83-06/26/97	40 ##	10.	16.	25.	10.	55.385	7.442	10.	10.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	05/27/83-06/26/97	40 ##	22.5	21.5	110.	5.	563.077	23.729	5.	5.	25.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	35	22.	52.571	360.	6.	5130.429	71.627	10.	14.	63.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/27/83-06/26/97	35	1.342	1.481	2.556	0.778	0.186	0.432	1.	1.146	2.18
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				30.272							
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/83-05/15/97	38 ##	5.	4.908	6.	0.5	0.566	0.752	5.	5.	5.
34301	CHLOROBENZENE TOTWUG/L	05/25/90-03/27/97	2 ##	1.	1.	1.	1.	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/06/84-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/27/83-06/26/97	40 ##	0.1	0.105	0.2	0.1	0.	0.022	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/06/83-06/26/97	44	0.3	1.43	50.	0.3	56.138	7.493	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0020

NPS Station ID: COSW0020      LAT/LON: 33.752781/ -80.608337  
 Location: WATEREE RIVER AT CONFLUENCE WITH LITTLE RIVER  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104      Depth of Water: 10  
 Major Basin: SOUTHEAST      Elevation: 0  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050104      RF1 Mile Point: 0.000  
 RF3 Index: 03050110000100.62      RF3 Mile Point: 0.62  
 Description:

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): WATR  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 3.10  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.05	16.05	18.5	13.6	12.005	3.465	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	16.25	16.25	19.5	13.	21.125	4.596	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	11.2	11.2	14.5	7.9	21.78	4.667	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.6	6.6	6.61	6.59	0.	0.014	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.6	6.6	6.61	6.59	0.	0.014	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.251	0.251	0.257	0.245	0.	0.008	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHS/CM	03/08/88-04/05/88	2	95.	95.	105.	85.	200.	14.142	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	12	31.	29.667	34.	21.	17.515	4.185	21.6	27.5	32.75	34.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.08	0.08	0.14	0.025	0.001	0.032	0.025	0.07	0.098	0.131
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.495	0.477	0.68	0.18	0.017	0.132	0.231	0.405	0.57	0.656
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12	0.405	0.418	0.64	0.31	0.008	0.091	0.319	0.345	0.46	0.595
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.1	0.097	0.13	0.06	0.001	0.027	0.06	0.065	0.125	0.13
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.03	0.045	0.08	0.025	0.	0.021	0.025	0.028	0.065	0.076
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.05	0.048	0.06	0.03	0.	0.01	0.03	0.04	0.055	0.06
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	3.7	3.7	3.9	3.5	0.08	0.283	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	6.7	6.677	8.3	5.	1.029	1.014	5.24	5.85	7.6	8.1
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	6.4	6.462	8.1	4.9	1.303	1.141	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	3.	2.869	3.5	2.	0.181	0.425	2.2	2.55	3.15	3.46
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	8	2.85	2.763	3.3	1.9	0.228	0.478	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	13	25.	23.692	32.	14.	36.564	6.047	14.4	18.	28.5	31.6
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	30.	28.308	36.	18.	34.231	5.851	18.4	24.5	33.	36.
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13	21.	21.923	32.	13.	33.244	5.766	13.4	18.	26.	31.2
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	8.3	8.423	11.	3.8	4.097	2.024	4.84	7.3	10.	11.
01045 IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	825.	870.	1600.	450.	121890.909	349.129	468.	562.5	1075.	1510.
01046 IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	280.	307.692	690.	160.	19802.564	140.722	164.	210.	375.	578.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	85.	81.667	110.	60.	324.242	18.007	60.	60.	97.5	107.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13 ##	25.	40.385	110.	20.	889.423	29.823	20.	25.	55.	102.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	12	340.	435.833	910.	210.	51826.515	227.654	225.	270.	565.	880.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	120.	177.692	730.	70.	32819.231	181.161	70.	85.	175.	574.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/04/88-03/07/89	12	120.	112.917	140.	88.	204.629	14.305	90.7	100.	120.	134.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.065	0.069	0.1	0.04	0.	0.018	0.043	0.06	0.087	0.097
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	2.11	2.11	2.49	1.73	0.289	0.537	**	**	**	**
82580 TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	7.25	7.25	9.78	4.72	12.802	3.578	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0020

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0021

NPS Station ID: COSW0021  
 Location: HDWTR LK MARION 2M BL WATR/CONG  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin:  
 RF1 Index: 03050104001  
 RF3 Index: 03050110060400.00

LAT/LON: 33.716670/ -80.616670

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.200  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-007K  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 8.30  
 Distance from RF3: 0.04

On/Off RF1: ON  
 On/Off RF3:

Description:  
 SAMPLED BY SOUTH CAROLINA POLLUTION CONTROL AUTHORITY. FIRST SAMPLE TAKEN 02/14/72.  
 THE HEADWATERS OF LAKE MARION APPROXIMATELY TWO MILES BELOW THE JUNCTION OF THE WATEREE AND CONGAREE RIVERS.

### Parameter Inventory for Station: COSW0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/72-05/14/75	7	21.	19.357	28.5	8.	57.56	7.587	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	02/14/72-03/10/72	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	04/11/72-07/10/73	4	17.	15.25	19.	8.	26.917	5.188	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/75-05/14/75	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	02/14/72-05/14/75	7	60.	67.143	140.	30.	1398.81	37.401	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	02/14/72-05/14/75	7	8.7	8.671	11.7	6.1	4.109	2.027	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/14/72-07/26/72	5	85.	87.4	98.	77.	93.3	9.659	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	02/14/72-05/14/75	6	2.3	2.867	7.8	0.8	6.635	2.576	**	**	**	**
00400 PH (STANDARD UNITS)	07/10/73-05/14/75	2	6.8	6.8	7.	6.6	0.08	0.283	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/10/73-05/14/75	2	6.755	6.755	7.	6.6	0.084	0.29	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/73-05/14/75	2	0.176	0.176	0.251	0.1	0.011	0.107	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	02/14/72-05/14/75	7	6.2	6.357	6.9	6.	0.093	0.305	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	02/14/72-05/14/75	7	6.2	6.281	6.9	6.	0.1	0.316	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/72-05/14/75	7	0.631	0.524	1.	0.126	0.085	0.291	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/72-05/14/75	7	24.	24.714	38.	18.	47.571	6.897	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/72-04/11/72	2	0.37	0.37	0.39	0.35	0.001	0.028	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/14/72-05/14/75	7	0.39	0.403	0.48	0.35	0.002	0.049	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/14/72-05/14/75	7	0.12	0.084	0.15	0.	0.004	0.067	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/10/73-05/14/75	2 ##	7.503	7.503	15.	0.005	112.425	10.603	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/73-05/14/75	2 ##	25.013	25.013	50.	0.025	1248.75	35.338	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/10/73-05/14/75	2 ##	12.525	12.525	25.	0.05	311.251	17.642	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	07/10/73-05/14/75	2 ##	25.4	25.4	50.	0.8	1210.32	34.79	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	07/10/73-05/14/75	2 ##	25.013	25.013	50.	0.025	1248.75	35.338	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/10/72-04/11/72	2	1110.	1110.	1620.	600.	520200.	721.249	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/10/72-04/11/72	2	2.994	2.994	3.21	2.778	0.093	0.305	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/14/72-05/14/75	7	600.	771.429	1620.	130.	303480.952	550.891	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/72-05/14/75	7	2.778	2.77	3.21	2.114	0.14	0.374	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/14/72-05/14/75	7	2.778	2.77	3.21	2.114	0.14	0.374	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/14/75	3	0.25	0.263	0.5	0.04	0.053	0.23	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	07/10/73-05/14/75	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	2	0	0.00				2	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	7	0	0.00			0.00	2	0	0.00	3	0	0.00			
00400	PH	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00403	PH, LAB	9.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
		6.5	7	5	0.71	2	1	0.50	2	1	0.50	3	3	1.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	7	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	3.9	1 &	0	0.00							1	0	0.00			
	Drinking Water	5.	1 &	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	18.	1 &	0	0.00							1	0	0.00			
	Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	82.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	15.	1 &	0	0.00							1	0	0.00			
31615	FECAL COLIFORM, MPN	200.	2	2	1.00				1	1	1.00	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	7	6	0.86	2	2	1.00	2	1	0.50	3	3	1.00			
71900	MERCURY, TOTAL	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: COSW0022

NPS Station ID: COSW0022

Location: WATEREE RVR IMMEDIATELY ABV WATEREE STEAM STA.

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050104001

RF3 Index: 03050104000300.10

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF LOWER WATEREE SURVEY

LAT/LON: 33.825004/ -80.616670

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 8.950

RF3 Mile Point: 0.09

FIRST DATE REPORTED: STORET 81/06/29

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CW-590

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.00

On/Off RF1: ON

On/Off RF3:

Date Created: 11/05/83

Parameter Inventory for Station: COSW0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/26/81-08/26/81	1	30.6	30.6	30.6	30.6	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0023

NPS Station ID: COSW0023	LAT/LON: 33.828337/ -80.620560	Agency: 21SC60WQ	Date Created: 05/20/89
Location: WATEREE RIVER BELOW EASTOVER		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): WATRE	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050104	Depth of Water: 16	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: SANTEE-COOPER RIVER BASIN		ECO Region:	
RF1 Index: 03050104	RF1 Mile Point: 0.000	Distance from RF1: 4.00	On/Off RF1:
RF3 Index: 03050104066000.00	RF3 Mile Point: 0.42	Distance from RF3: 0.09	On/Off RF3:
Description:			

Parameter Inventory for Station: COSW0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/19/91	105	17.6	17.766	29.2	2.9	50.763	7.125	8.76	11.25	25.05	26.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/22/89-03/19/91	99	20.5	20.136	36.	0.	60.8	7.797	9.5	13.5	27.	30.
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/29/89-03/19/91	104	3.	3.269	65.	1.	37.771	6.146	2.	2.	3.	3.5
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/26/89-03/19/91	98	23.	25.446	69.	7.	187.18	13.681	12.	16.	30.	45.8
00078 TRANSPARENCY, SECCHI DISC (METERS)	03/22/89-03/19/91	105	0.5	0.513	1.1	0.1	0.034	0.183	0.3	0.4	0.6	0.75
00300 OXYGEN, DISSOLVED MG/L	03/22/89-03/19/91	105	7.6	8.01	15.3	4.9	4.155	2.038	5.66	6.25	9.4	10.54
00400 PH (STANDARD UNITS)	03/22/89-03/19/91	104	6.8	6.734	7.3	5.65	0.102	0.32	6.27	6.5	7.	7.1
00400 CONVERTED PH (STANDARD UNITS)	03/22/89-03/19/91	104	6.8	6.597	7.3	5.65	0.121	0.348	6.27	6.5	7.	7.1
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/89-03/19/91	104	0.158	0.253	2.239	0.05	0.077	0.278	0.079	0.1	0.316	0.537
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/22/89-03/19/91	104	105.	117.817	220.	63.	1684.267	41.04	70.	80.	150.	180.5
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/29/89-03/19/91	103	4.23	4.489	10.43	1.14	2.964	1.722	2.512	3.35	5.54	6.59
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/22/89-03/19/91	104	3.65	3.582	6.5	1.	2.166	1.472	1.5	2.5	5.	5.5
82580 TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/22/89-03/19/91	105	12.01	10.985	17.15	2.5	16.98	4.121	4.69	7.685	14.995	15.204

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0023

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	98	9	0.09	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	105	0	0.00	39	0	0.00	39	0	0.00	26	0	0.00			
00400 PH	Other-Hi Lim.	9.	104	0	0.00	39	0	0.00	39	0	0.00	26	0	0.00			
	Other-Lo Lim.	6.5	104	28	0.27	39	11	0.28	39	10	0.26	26	7	0.27			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0024

NPS Station ID: COSW0024  
 Location: Wateree River Below Eastover  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE RIVER BASIN  
 RF1 Index: 03050104  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.838615/ -80.623615

Depth of Water: 0  
 Elevation: 77

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_JP\_WAT  
 Within Park Boundary: No

Date Created: 03/22/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station located in Wateree River below Eastover South Carolina. Station can be found on USGS 7.5' Poinsett State Park quadrangle.  
 Data stored at this station were collected and analyzed in a report titled: "Sources and Accumulation of Trace Metals in Sediments and the Asiatic Clam; Corbicula fluminea; in Two South Carolina Watersheds" by Jeannie R. Pickett; South Carolina Dept. of Health and Environmental Control; USGS Award Number 14-08-0001-1735; Sampling Period March 1989- March 1991. This sampling station is one of two stations where the bioavailability of heavy metals to the freshwater clam from sediment and water column exposures as associated with surface water runoff within the Congaree and Wateree watersheds were determined. Data processed and uploaded to STORET by Scott S. Hermesen; National Park Service-Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins Colorado 80525; (tel. 970 225-3516 fax. 970 225-9965).

### Parameter Inventory for Station: COSW0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/16/91	208	19.6	19.082	29.8	5.	50.053	7.075	9.89	12.5	26.	28.3
00055 VELOCITY, STREAM FT/SEC	03/30/89-03/19/91	104	2.8	2.696	3.5	1.8	0.249	0.499	2.	2.2	3.2	3.2
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/22/89-03/16/91	208	7447.5	6862.678	10000.	1490.	8507272.442	2916.723	2321.5	4293.75	9906.25	10000.
00078 TRANSPARENCY, SECCHI DISC (METERS)	03/30/89-03/19/91	104	0.5	0.504	1.	0.1	0.035	0.187	0.275	0.4	0.6	0.75
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/89-03/16/91	206	121.5	124.981	212.	76.	643.57	25.369	93.	105.	144.	158.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/22/89-03/16/91	203	7.4	7.787	12.1	3.7	3.378	1.838	5.54	6.3	9.4	10.2
00406 PH, FIELD, STANDARD UNITS SU	03/22/89-03/16/91	202	7.	6.92	7.4	6.3	0.034	0.185	6.7	6.8	7.	7.1
00406 CONVERTED PH, FIELD, STANDARD UNITS	03/22/89-03/16/91	202	7.	6.877	7.4	6.3	0.036	0.19	6.7	6.8	7.	7.1
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/89-03/16/91	202	0.1	0.133	0.501	0.04	0.005	0.069	0.079	0.1	0.158	0.2
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/12/89-03/19/91	69	22.	22.609	32.	14.	25.477	5.047	15.	19.	26.	30.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/89-03/16/91	208	16.	18.74	84.	1.	134.947	11.617	8.	12.	22.	30.1
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/89-03/19/91	69	7.1	7.407	14.	0.8	8.078	2.842	4.3	5.45	9.1	11.6
00687 CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/12/89-02/28/91	66	17.754	18.228	39.994	11.591	21.087	4.592	13.181	15.426	20.28	23.033
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/89-03/19/91	69	21.	21.203	28.	16.	6.723	2.593	17.	20.	23.	24.
00916 CALCIUM, TOTAL (MG/L AS Ca)	05/12/89-03/19/91	69	5.	4.852	6.5	3.5	0.324	0.569	4.	4.6	5.1	5.5
00927 MAGNESIUM, TOTAL (MG/L AS MG)	05/12/89-03/19/91	69	2.2	2.225	3.1	1.6	0.115	0.34	1.8	2.	2.5	2.7
01027 CADMIUM, TOTAL (UG/L AS CD)	03/22/89-03/16/91	208 ##	0.05	0.2	1.	0.05	0.045	0.213	0.05	0.05	0.3	0.5
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	1.	1.453	4.	0.2	0.993	0.996	0.5	1.	2.	3.
01029 CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	17.5	18.53	36.	5.	74.561	8.635	8.	11.	24.	33.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/22/89-03/16/91	208 ##	0.5	1.305	6.	0.5	1.424	1.194	0.5	0.5	2.	3.
01042 COPPER, TOTAL (UG/L AS CU)	03/22/89-03/16/91	208	18.	20.51	67.	7.	103.43	10.17	10.	13.25	25.	34.1
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/12/89-02/28/91	66	19.	19.333	31.	13.	14.779	3.844	14.	17.	21.25	24.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	03/22/89-03/16/91	208	880.	1000.572	2680.	410.	194979.579	441.565	557.	690.	1200.	1531.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/89-03/16/91	208	3.	4.123	20.	0.5	14.496	3.807	0.5	2.	5.	9.1
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/12/89-02/28/91	66	17.	16.652	30.	3.	28.507	5.339	11.1	14.	20.	22.
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/12/89-02/28/91	66	1505.	1419.091	2310.	650.	168069.93	409.963	757.	1177.5	1740.	1861.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/89-03/16/91	208	80.	88.846	200.	40.	1322.334	36.364	50.	60.	110.	140.
01067	NICKEL, TOTAL (UG/L AS NI)	03/22/89-03/16/91	208	2.	2.37	11.	0.5	4.954	2.226	0.5	0.5	3.	6.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	13.	13.091	28.	4.	25.407	5.041	6.	8.75	18.	19.
01092	ZINC, TOTAL (UG/L AS ZN)	03/22/89-03/16/91	208	20.	22.212	120.	5.	384.457	19.608	5.	5.	30.	40.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/12/89-02/28/91	66	44.	44.742	76.	17.	180.379	13.431	25.	34.75	52.25	63.3
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/22/89-03/16/91	208	500.	643.51	3000.	100.	308561.053	555.483	200.	300.	700.	1400.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/12/89-02/28/91	66	6000.	8717.879	38000.	900.	56419389.277	7511.284	2829.	4075.	11000.	17600.
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/12/89-02/28/91	66	19000.	20179.667	43500.	342.	84704760.564	9203.519	9750.	15075.	26850.	30600.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/30/89-03/19/91	103	4.23	4.493	10.43	1.14	2.973	1.724	2.512	3.33	5.54	6.59
46529	PRECIPITATION (INCHES)	03/22/89-03/16/91	208	0.09	0.322	9.08	0.	0.613	0.783	0.	0.	0.388	0.885
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	03/22/89-03/16/91	208	88.	86.76	154.	50.	323.961	17.999	64.	74.	98.	110.
71900	MERCURY, TOTAL (UG/L AS HG)	03/22/89-03/16/91	208	0.4	0.439	1.3	0.2	0.052	0.227	0.2	0.3	0.5	0.8
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/12/89-06/25/90	42	0.3	0.383	1.2	0.03	0.095	0.309	0.079	0.1	0.5	0.97
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/30/89-03/19/91	104	23.	25.981	69.	7.	181.339	13.466	12.	16.	31.	44.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	203	1	0.00	75	1	0.01	76	0	0.00	52	0	0.00		
00406	PH, FIELD	Other-Hi Lim.	9.	202	0	0.00	79	0	0.00	72	0	0.00	51	0	0.00		
		Other-Lo Lim.	6.5	202	11	0.05	79	7	0.09	72	4	0.06	51	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	5.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	208	108	0.52	79	40	0.51	77	40	0.52	52	28	0.54		
		Drinking Water	1300.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	15.	208	6	0.03	79	2	0.03	77	1	0.01	52	3	0.06		
01067	NICKEL, TOTAL	Fresh Acute	1400.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	100.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	208	1	0.00	79	0	0.00	77	1	0.01	52	0	0.00		
		Drinking Water	5000.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	2.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	104	9	0.09	40	1	0.03	38	6	0.16	26	2	0.08		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0025

NPS Station ID: COSW0025  
 Location: WATEREE R. BL EASTOVER, S.C.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050104001  
 RF3 Index: 03050104007507.15  
 Description:

LAT/LON: 33.838615/ -80.623615

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 10.050  
 RF3 Mile Point: 7.15

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02148315  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.00  
 Distance from RF3: 0.02

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/72-11/07/74	12	18.95	18.367	27.	8.5	44.059	6.638	8.5	12.375	25.	27.
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/29/72-06/29/73	10	5015.	6627.	10000.	3190.	8591090.	2931.056	3277.	4375.	10000.	10000.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/72-11/07/74	12	95.	105.167	240.	59.	2259.97	47.539	62.9	73.5	118.25	207.
00300 OXYGEN, DISSOLVED MG/L	08/29/72-11/07/74	12	8.2	8.017	10.	5.4	1.832	1.354	5.58	7.4	9.075	9.82
00400 PH (STANDARD UNITS)	08/29/72-11/07/74	12	6.75	6.792	7.3	6.2	0.159	0.399	6.23	6.425	7.175	7.3
00400 CONVERTED PH (STANDARD UNITS)	08/29/72-11/07/74	12	6.747	6.635	7.3	6.2	0.186	0.431	6.23	6.425	7.175	7.3
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/72-11/07/74	12	0.179	0.231	0.631	0.05	0.038	0.194	0.05	0.067	0.378	0.592
00405 CARBON DIOXIDE (MG/L AS CO2)	11/07/74-11/07/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	11/07/74-11/07/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/07/74-11/07/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/07/74-11/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/07/74-11/07/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	11/07/74-11/07/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/07/74-11/07/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CAC03)	11/07/74-11/07/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CAC03)	11/07/74-11/07/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	11/07/74-11/07/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/07/74-11/07/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	11/07/74-11/07/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	11/07/74-11/07/74	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	11/07/74-11/07/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/07/74-11/07/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/07/74-11/07/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/07/74-11/07/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/07/74-11/07/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	11/07/74-11/07/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/07/74-11/07/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	11/07/74-11/07/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/29/72-04/30/73	8	94.	77.125	130.	14.	2202.411	46.93	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/29/72-04/30/73	8	1.973	1.767	2.114	1.146	0.155	0.394	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			58.497								
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/07/74-11/07/74	1	78.	78.	78.	78.	0.	0.	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/07/74-11/07/74	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
00400	PH																
	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	12	4	0.33	4	1	0.25	5	1	0.20	3	2	0.67			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																
	Other-Hi Lim.	200.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0026

NPS Station ID: COSW0026

Location: SANTEE RIVER NEAR FORT MOTTE S C

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin:

Minor Basin:

RF1 Index: 03050110

RF3 Index: 03050110002702.08

Description:

LAT/LON: 33.750005/ -80.625559

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.07

Agency: 112WRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 02169800

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.03

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060 FLOW, STREAM, MEAN DAILY CFS	10/04/67-06/27/68	41	13200.	15657.317	29600.	6000.	52323820.122	7233.521	7800.	9800.	24050.	27400.
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/67-06/27/68	41	41.	46.78	197.	19.	791.326	28.131	26.	33.5	51.5	65.6
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/04/67-06/27/68	41	1460.	2170.585	13300.	410.	4811209.399	2193.447	581.8	1041.	2655.	3662.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0027

NPS Station ID: COSW0027  
 Location: SANTEE RIVER AT TREZVANT LANDING  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050111  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050111  
 RF3 Index: 03050104065400.00  
 Description:

LAT/LON: 33.730559/ -80.627503

Depth of Water: 25  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45085 SOUTH CAROLINA/SUMTER  
 STORET Station ID(s): SANT  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 1.60  
 Distance from RF3: 0.05

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	15.4	15.4	18.5	12.3	19.22	4.384	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-04/05/88	2	15.75	15.75	19.5	12.	28.125	5.303	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/08/88-04/05/88	2	11.05	11.05	13.9	8.2	16.245	4.031	**	**	**	**
00400 PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.695	6.695	6.89	6.5	0.076	0.276	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/08/88-04/05/88	2	6.653	6.653	6.89	6.5	0.08	0.282	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-04/05/88	2	0.223	0.223	0.316	0.129	0.018	0.133	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHS/CM	03/08/88-04/05/88	2	92.5	92.5	100.	85.	112.5	10.607	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	12	27.5	25.75	30.	17.	15.659	3.957	17.9	24.	28.75	29.7
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.08	0.084	0.15	0.06	0.001	0.025	0.06	0.063	0.098	0.135
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.425	0.397	0.54	0.12	0.012	0.11	0.174	0.34	0.458	0.528
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12	0.42	0.431	0.62	0.29	0.006	0.077	0.317	0.4	0.458	0.578
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.095	0.114	0.2	0.07	0.002	0.039	0.073	0.083	0.148	0.185
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.05	0.052	0.09	0.025	0.	0.02	0.025	0.04	0.065	0.086
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.06	0.066	0.1	0.04	0.	0.017	0.044	0.055	0.08	0.096
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	2.55	2.55	2.9	2.2	0.245	0.495	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	2.45	2.45	3.2	1.7	1.125	1.061	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	4.8	4.769	5.8	3.7	0.336	0.579	3.82	4.4	5.15	5.68
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	4.45	4.638	5.7	3.8	0.506	0.711	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	2.1	2.146	2.6	1.7	0.074	0.273	1.74	1.9	2.35	2.56
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	8	1.85	1.988	2.6	1.6	0.118	0.344	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	13	18.	16.954	22.	8.4	19.661	4.434	9.44	13.	21.	21.6
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	20.	20.692	30.	7.	37.231	6.102	10.2	16.5	24.5	29.2
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13	14.	11.615	17.	5.	23.923	4.891	5.	5.	15.5	16.6
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	11.	9.954	12.	5.2	3.476	1.864	6.52	8.85	11.	12.
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	08/08/88-08/08/88	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	710.	845.833	2200.	400.	212171.97	460.621	457.	612.5	892.5	1870.
01046 IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	270.	330.	870.	230.	28650.	169.263	238.	255.	340.	678.
01055 MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	70.	70.833	100.	50.	299.242	17.299	50.	52.5	87.5	97.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13 ##	25.	30.769	90.	20.	374.359	19.348	20.	22.5	25.	74.
01105 ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	11	300.	395.455	1200.	60.	91747.273	302.898	84.	240.	480.	1078.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	100.	201.538	1100.	60.	78597.436	280.352	60.	90.	180.	796.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/07/88-03/07/89	13	86.	88.846	105.	70.	104.308	10.213	73.2	82.	98.	103.
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.08	0.085	0.13	0.06	0.	0.02	0.063	0.07	0.098	0.124
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-04/05/88	2	5.84	5.84	5.89	5.79	0.005	0.071	**	**	**	**
82580 TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-04/05/88	2	14.275	14.275	22.74	5.81	143.312	11.971	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH								1	0	0.00	1	0	0.00			
	Other-Hi Lim.	9.	2	0	0.00												
	Other-Lo Lim.	6.5	2	1	0.50				1	0	0.00	1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.																
	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER																
	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)																
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
01010	BERYLLIUM, DISSOLVED																
	Fresh Acute	130.	1	1	1.00	1	1	1.00									
	Drinking Water	4.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0028

NPS Station ID: COSW0028  
 Location: CONGAREE RIVER AT HIGHWAY 601  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER RIVER BASIN  
 RF1 Index: 03050110  
 RF3 Index: 03050110021100.00  
 Description:

LAT/LON: 33.828337/ -80.630003

Depth of Water: 20  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 1.44

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): CONG  
 Within Park Boundary: No

Date Created: 07/23/88

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.16

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/88-03/19/91	107	17.6	17.316	27.8	3.7	44.226	6.65	8.38	11.	23.5	26.04
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/08/88-03/19/91	101	23.	22.284	35.5	0.	64.969	8.06	11.2	17.	29.	32.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/89-03/19/91	102	2.	2.863	55.	1.	27.922	5.284	1.	2.	3.	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/26/89-03/19/91	98	23.	34.571	177.	8.	970.218	31.148	13.9	18.	38.	64.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/22/89-03/19/91	105	0.55	0.545	1.1	0.1	0.047	0.217	0.3	0.375	0.7	0.8
00300	OXYGEN, DISSOLVED MG/L	03/08/88-03/19/91	107	8.5	8.695	13.6	3.	3.545	1.883	6.48	7.2	10.	11.3
00400	PH (STANDARD UNITS)	03/08/88-03/19/91	103	6.9	6.898	7.9	6.22	0.07	0.264	6.554	6.72	7.05	7.186
00400	CONVERTED PH (STANDARD UNITS)	03/08/88-03/19/91	103	6.9	6.824	7.9	6.22	0.075	0.274	6.554	6.72	7.05	7.186
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/88-03/19/91	103	0.126	0.15	0.603	0.013	0.009	0.092	0.065	0.089	0.191	0.279
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	03/08/88-03/19/91	106	80.	76.632	110.	40.	356.33	18.877	50.	60.	90.5	100.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/07/88-03/07/89	11	24.	22.636	28.	13.	19.455	4.411	13.8	21.	25.	27.8
00510	RESIDUE, TOTAL FIXED (MG/L)	06/06/88-06/06/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/88-03/07/89	12	0.075	0.078	0.14	0.025	0.002	0.04	0.025	0.05	0.123	0.137
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/88-03/07/89	12	0.42	0.423	0.58	0.33	0.006	0.077	0.33	0.36	0.46	0.562
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/88-03/07/89	12	0.475	0.468	0.62	0.3	0.007	0.086	0.321	0.405	0.535	0.596
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/88-03/07/89	12	0.115	0.118	0.19	0.025	0.002	0.047	0.042	0.083	0.16	0.187
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/07/88-03/07/89	13	0.05	0.057	0.1	0.025	0.001	0.024	0.025	0.04	0.07	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	13	0.07	0.079	0.11	0.04	0.001	0.024	0.044	0.06	0.105	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	2.7	2.7	3.2	2.2	0.5	0.707	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/07/88-04/04/88	2	2.3	2.3	2.9	1.7	0.72	0.849	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/07/88-03/07/89	13	3.7	3.654	4.4	2.6	0.346	0.588	2.64	3.2	4.1	4.28
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/88-03/07/89	8	3.65	3.613	4.4	2.8	0.324	0.569	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/88-03/07/89	13	1.7	1.685	1.9	1.4	0.018	0.134	1.44	1.6	1.8	1.86
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/07/88-03/07/89	8	1.65	1.625	1.8	1.4	0.016	0.128	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/07/88-03/07/89	13	14.	12.892	17.	6.6	8.151	2.855	7.96	11.	15.	16.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/88-03/07/89	13 ##	5.	4.538	5.	3.	0.769	0.877	3.	4.	5.	5.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/07/88-03/07/89	13	17.	18.846	46.	5.	92.808	9.634	7.8	14.	22.	37.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/07/88-03/07/89	13 ##	5.	6.385	15.	5.	11.59	3.404	5.	5.	5.	14.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/07/88-03/07/89	13	11.	10.654	13.	5.8	4.128	2.032	6.8	9.2	12.	12.6
01045	IRON, TOTAL (UG/L AS FE)	03/07/88-03/07/89	12	820.	941.667	2800.	500.	379633.333	616.144	509.	615.	900.	2320.
01046	IRON, DISSOLVED (UG/L AS FE)	03/07/88-03/07/89	13	290.	351.538	970.	220.	39114.103	197.773	228.	255.	370.	762.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/07/88-03/07/89	12	70.	74.167	120.	40.	626.515	25.03	43.	52.5	95.	117.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/07/88-03/07/89	13 ##	25.	33.462	110.	10.	651.603	25.527	14.	22.5	37.5	86.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/07/88-03/07/89	12	325.	468.333	1800.	130.	227069.697	476.518	136.	192.5	397.5	1560.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/07/88-03/07/89	13	110.	230.769	1300.	50.	111024.359	333.203	58.	80.	235.	924.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/29/89-03/19/91	102	3.36	3.985	13.6	1.28	5.265	2.294	1.989	2.338	5.038	6.291
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/88-03/07/89	13	66.	67.385	80.	56.	80.256	8.959	56.	58.	76.	80.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/88-03/07/89	12	0.095	0.099	0.14	0.06	0.001	0.029	0.063	0.073	0.13	0.14

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	03/08/88-03/19/91	105	5.5	5.728	10.	2.5	2.344	1.531	3.506	4.5	7.	7.7
82580 TAPEDOWN DIST. FROM REF PT ABOVE TO H2O SURFACE FT	03/08/88-03/19/91	106	10.19	10.207	20.3	3.48	8.317	2.884	6.496	8.1	12.1	13.458

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0028

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	98	13	0.13	39	4	0.10	36	7	0.19	23	2	0.09			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	107	1	0.01	40	1	0.03	40	0	0.00	27	0	0.00			
00400 PH	Other-Hi Lim.	9.	103	0	0.00	38	0	0.00	39	0	0.00	26	0	0.00			
	Other-Lo Lim.	6.5	103	8	0.08	38	2	0.05	39	3	0.08	26	3	0.12			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0029

NPS Station ID: COSW0029  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110060300.42  
 Description:  
 LMA-001S LAKE MARION

LAT/LON: 33.750005/ -80.633337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.530  
 RF3 Mile Point: 0.52

Agency: 21SC60WQ  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): LMA-001S  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/10/75-08/17/76	4	606.5	595.75	840.	330.	74752.25	273.409	**	**	**	**
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/10/75-08/17/76	2	327.	327.	354.	300.	1458.	38.184	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4 ##	0.395	0.991	2.83	0.345	1.503	1.226	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4	16.5	15.625	21.8	7.7	34.323	5.859	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/10/75-08/17/76	4	21.85	20.925	32.3	7.7	151.883	12.324	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/10/75-08/17/76	4	29.2	511.525	1980.	7.7	958552.696	979.057	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/10/75-08/17/76	4	446.5	648.	1546.	153.	377572.667	614.469	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/10/75-08/17/76	4	7.88	8.54	11.3	7.1	3.542	1.882	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/10/75-08/17/76	4	40.75	42.25	64.5	23.	290.923	17.056	**	**	**	**
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4	1.5	2.188	5.7	0.05	6.057	2.461	**	**	**	**
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.975	8.05	30.2	0.05	218.815	14.792	**	**	**	**
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.725	2.058	6.73	0.05	10.108	3.179	**	**	**	**
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321 P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4	1.45	1.915	4.71	0.05	4.109	2.027	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343 GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399 ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39531 MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39541 PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39571 DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39581 GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39783 LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787 TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/10/75-08/17/76	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/10/75-08/17/76	4 ##	0.1	0.125	0.25	0.05	0.009	0.096	**	**	**	**
80153 CARBON, ORGANIC, IN SEDIMENT (% AS C)	09/10/75-08/17/76	4	0.46	0.405	0.6	0.1	0.051	0.226	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0030

NPS Station ID: COSW0030  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110002303.15  
 Description:  
 LMA-001B LAKE MARION

LAT/LON: 33.750005/ -80.633337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.530  
 RF3 Mile Point: 3.94

CALHOUN COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): LMA-001B  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: ON  
 On/Off RF3:

## Parameter Inventory for Station: COSW0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	25.	20.1	26.	10.	56.8	7.537	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	21.	25.667	55.	13.	234.267	15.306	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	55.	55.	75.	40.	160.	12.649	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	6.5	6.033	7.6	3.9	1.943	1.394	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	5	1.3	1.1	1.4	0.6	0.14	0.374	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	7.083	7.7	6.8	0.114	0.337	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	7.	7.7	6.8	0.122	0.349	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.1	0.1	0.158	0.02	0.003	0.054	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	82.5	82.5	85.	80.	12.5	3.536	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	14.	14.667	18.	12.	7.467	2.733	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	60.	58.667	106.	12.	1119.467	33.458	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	49.	147.833	651.	34.	60884.967	246.749	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	4	0.06	0.06	0.07	0.05	0.	0.012	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	4 ##	0.15	0.163	0.25	0.1	0.006	0.075	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.39	0.393	0.47	0.32	0.003	0.059	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	4	0.065	0.059	0.08	0.025	0.001	0.027	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	935.	1713.333	6500.	50.	5628466.667	2372.439	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	110.	283.333	1170.	70.	189386.667	435.186	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.06	0.063	0.1	0.03	0.001	0.024	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.36	0.8	0.25	0.061	0.246	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	11.	10.333	17.	4.	20.267	4.502	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	1	0.17	4	0	0.00	2	1	0.50						
00300	OXYGEN, DISSOLVED	4.	6	1	0.17	4	0	0.00	2	1	0.50						
00400	PH	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		6.5	6	0	0.00	4	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	120.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0031

NPS Station ID: COSW0031  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110060300.42  
 Description:  
 LMA-001M LAKE MARION

LAT/LON: 33.750005/ -80.633337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.530  
 RF3 Mile Point: 0.52

CALHOUN COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): LMA-001M  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	25.	20.3	27.	10.	59.95	7.743	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	19.	19.5	29.	13.	29.9	5.468	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	50.	49.167	70.	30.	164.167	12.813	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	6.6	6.517	7.7	5.3	0.666	0.816	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	6	1.15	1.05	1.4	0.5	0.115	0.339	**	**	**	**
00345 BOD, 25 DAY, 20 DEG C MG/L	09/09/75-08/17/76	6	2.55	2.483	2.9	2.1	0.106	0.325	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	7.083	7.7	6.8	0.114	0.337	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	7.	7.7	6.8	0.122	0.349	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.1	0.1	0.158	0.02	0.003	0.054	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	81.	81.	82.	80.	2.	1.414	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	13.	14.333	18.	12.	8.667	2.944	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	30.	29.333	50.	2.	365.867	19.128	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	39.5	41.667	55.	30.	97.867	9.893	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	5 ##	0.05	0.049	0.07	0.025	0.	0.016	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	5	0.13	0.144	0.2	0.1	0.002	0.048	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.405	0.4	0.46	0.32	0.003	0.054	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	4 ##	0.043	0.043	0.06	0.025	0.	0.02	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	855.	966.667	1900.	500.	239506.667	489.394	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	80.	91.667	170.	50.	1936.667	44.008	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.05	0.048	0.07	0.02	0.	0.018	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.36	0.8	0.25	0.061	0.246	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	5.5	5.167	8.5	2.	5.067	2.251	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0031

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400	PH	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		6.5	6	0	0.00	4	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	120.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0032

NPS Station ID: COSW0032  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110060300.42  
 Description:  
 LMA-001C LAKE MARION

LAT/LON: 33.750005/ -80.633337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.530  
 RF3 Mile Point: 0.52

CALHOUN COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): LMA-001C  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/09/75-08/17/76	4	8894.	8619.5	12490.	4200.	12042974.333	3470.299	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	12/10/75-08/17/76	3	5.8	6.2	9.1	3.7	7.41	2.722	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	09/09/75-08/17/76	6 ##	2.503	2.503	5.	0.005	7.485	2.736	**	**	**	**
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39305 O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39315 O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39327 ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390 ENDRLIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39580 GUTHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39610 PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	09/09/75-08/17/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	08/17/76-08/17/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0032

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01002 ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	50.	6	0	0.00	4	0	0.00	2	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	2	0	0.00	2	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	2	0	0.00	2	0	0.00						
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	2	0	0.00	2	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00	2	0	0.00	2	0	0.00						
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	2	0	0.00	2	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	3.	4	0	0.00	2	0	0.00	2	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.4	4	0	0.00	2	0	0.00	2	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	2	0	0.00	2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	0.2	4	0	0.00	2	0	0.00	2	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0033

NPS Station ID: COSW0033  
 Location: CONGAREE RIVER AT U.S. 601 BRIDGE  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE COOPER  
 RF1 Index: 03050110001  
 RF3 Index: 03050110002409.38

LAT/LON: 33.750005/ -80.633337

Depth of Water: 1  
 Elevation: 0  
 RF1 Mile Point: 2.690  
 RF3 Mile Point: 9.38

Agency: 21SCSANT  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): SC-001 /C-007  
 Within Park Boundary: No

Date Created: 04/14/84

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1: OFF  
 On/Off RF3:

Description:  
 THE SAMPLING SITE IS AT U.S. 601 BRIDGE, APPROXIMATELY 1.5 KM UPSTREAM OF THE CONFLUENCE OF THE CONGAREE AND WATEREE RIVERS. THIS SITE IS SAMPLED ON A MONTHLY BASIS.

### Parameter Inventory for Station: COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	127	18.	17.617	30.	6.	46.44	6.815	9.	11.	24.	26.6
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	131	22.	21.573	36.	1.	66.82	8.174	10.	17.	28.	32.
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	132	6488.	10856.242	122000.	1640.	280840633.788	16758.3	2959.	4460.	10694.75	18212.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	114	12.8	19.639	90.	3.8	302.62	17.396	6.5	9.	22.925	47.5
00077 TRANSPARENCY, SECCHI DISC (INCHES)	06/18/85-08/22/96	3	20.	17.333	30.	2.	201.333	14.189	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	112	32.5	44.911	500.	15.	2525.668	50.256	20.	25.	40.	70.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	126	70.	73.135	155.	5.	497.046	22.295	50.	60.	90.	100.6
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	06/23/89-06/23/89	1	740.	740.	740.	740.	0.	0.	**	**	**	**
00204 DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	06/23/89-06/23/89	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	125	8.	8.449	12.7	5.1	2.915	1.707	6.4	7.	9.9	10.6
00310 BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	98	0.85	1.103	14.	0.06	2.131	1.46	0.3	0.5	1.3	2.
00400 PH (STANDARD UNITS)	02/03/84-12/11/96	120	6.8	6.781	8.2	5.8	0.137	0.37	6.3	6.6	6.9	7.19
00400 CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	120	6.8	6.63	8.2	5.8	0.16	0.4	6.3	6.6	6.9	7.19
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	120	0.158	0.234	1.585	0.006	0.058	0.24	0.065	0.126	0.251	0.501
00403 PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	114	6.9	6.837	7.5	5.7	0.152	0.39	6.4	6.7	7.1	7.3
00403 CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	114	6.9	6.603	7.5	5.7	0.207	0.455	6.4	6.7	7.1	7.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	114	0.126	0.249	1.995	0.032	0.153	0.391	0.05	0.079	0.2	0.398
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	113	20.	19.221	27.	7.	16.567	4.07	13.	17.	22.	24.
00500 RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	108	81.	91.574	486.	6.	2485.088	49.851	66.	72.5	95.5	126.4
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	107	17.	22.178	218.	2.	566.412	23.799	6.	11.	27.	44.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	122	0.06	0.08	0.32	0.005	0.005	0.07	0.01	0.03	0.103	0.177
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	122	0.36	0.771	43.12	0.04	15.184	3.897	0.126	0.26	0.5	0.65
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	121	0.41	0.423	1.6	0.01	0.047	0.218	0.202	0.305	0.5	0.644
00665 PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	123	0.07	0.085	0.23	0.01	0.003	0.05	0.03	0.05	0.11	0.15
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	125	16.	18.424	141.	2.	219.859	14.828	10.	13.	19.	25.
00916 CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	123	3.8	4.461	48.6	0.7	23.626	4.861	1.9	3.	4.6	6.26
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS Ca DRY WGT)	08/09/95-03/11/96	2	2.69	2.69	5.12	0.26	11.81	3.437	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	08/09/95-03/11/96	3	1.	1.03	1.71	0.38	0.443	0.666	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	123	1.7	1.742	4.9	0.6	0.267	0.517	1.2	1.5	1.9	2.2
00929 SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	82	9.06	9.595	24.32	0.14	14.85	3.854	5.305	7.41	11.73	14.396
00937 POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	74	2.16	2.2	4.27	0.18	0.338	0.581	1.595	1.9	2.47	2.865
00945 SULFATE, TOTAL (MG/L AS SO4)	11/25/85-09/04/86	7	6.	8.429	22.	3.	40.619	6.373	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	111 ##	5.	7.117	42.	1.	41.777	6.464	3.2	5.	5.	13.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	3 ##	2.5	3.25	5.	2.25	2.313	1.521	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/09/95-03/11/96	3	7.	9.073	15.	5.22	27.136	5.209	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	99 ##	12.	12.394	51.	0.	66.67	8.165	3.	6.	15.	22.
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/09/95-03/11/96	3	7.	9.223	15.	5.67	25.47	5.047	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	120	10.	15.408	133.	1.	392.899	19.822	5.	5.	18.	26.9
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/09/95-03/11/96	3 ##	5.	4.083	5.	2.25	2.521	1.588	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	124	762.5	1007.855	4820.	9.	643212.109	802.005	463.5	610.	1135.25	1685.5
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	124 ##	15.	22.141	110.	0.	291.551	17.075	1.	15.	26.75	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/09/95-03/11/96	3	22.96	22.987	25.	21.	4.001	2.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/09/95-03/11/96	3	86.	108.193	193.58	45.	5888.412	76.736	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	124	66.5	80.307	416.	5.	2817.615	53.081	38.	52.5	92.5	140.5
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	112 ##	15.	18.304	151.	1.	303.565	17.423	5.2	15.	15.	35.3
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	112	6.	12.188	127.	1.	225.248	15.008	3.3	5.	15.75	25.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/09/95-03/11/96	3	10.	9.293	12.88	5.	15.898	3.987	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/09/95-03/11/96	3	5346.28	4728.093	7857.	981.	12106460.066	3479.434	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	117	40.	109.479	2120.	1.	56710.196	238.139	7.	14.25	94.	256.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	117	1.602	1.596	3.326	0.	0.381	0.618	0.845	1.153	1.973	2.409
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =											
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	60	57.	220.583	2600.	2.5	203507.052	451.118	9.	19.	217.25	668.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	60	1.756	1.809	3.415	0.398	0.462	0.68	0.954	1.277	2.335	2.822
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =											
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	05/22/90-05/22/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	122	0.06	0.062	0.19	0.01	0.001	0.037	0.02	0.03	0.08	0.107
71900	MERCURY, TOTAL (UG/L AS HG)	03/17/94-04/14/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0033

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	114	10	0.09	37	2	0.05	49	5	0.10	28	3	0.11		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	125	0	0.00	40	0	0.00	53	0	0.00	32	0	0.00		
00400	PH	Other-Hi Lim.	9.	120	0	0.00	39	0	0.00	52	0	0.00	29	0	0.00		
		Other-Lo Lim.	6.5	120	26	0.22	39	7	0.18	52	16	0.31	29	3	0.10		
00403	PH, LAB	Other-Hi Lim.	9.	114	0	0.00	37	0	0.00	49	0	0.00	28	0	0.00		
		Other-Lo Lim.	6.5	114	18	0.16	37	7	0.19	49	8	0.16	28	3	0.11		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	121	0	0.00	43	0	0.00	44	0	0.00	34	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	3	0	0.00	4	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	42 &	31	0.74	13	10	0.77	18	12	0.67	11	9	0.82		
		Drinking Water	5.	42 &	25	0.60	13	10	0.77	18	8	0.44	11	7	0.64		
01034	CHROMIUM, TOTAL	Drinking Water	100.	99	0	0.00	33	0	0.00	39	0	0.00	27	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	119 &	30	0.25	40	13	0.33	46	9	0.20	33	8	0.24		
		Drinking Water	1300.	120	0	0.00	40	0	0.00	47	0	0.00	33	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	124	1	0.01	40	0	0.00	48	1	0.02	36	0	0.00		
		Drinking Water	15.	59 &	34	0.58	20	14	0.70	21	9	0.43	18	11	0.61		
01067	NICKEL, TOTAL	Fresh Acute	1400.	112	0	0.00	37	0	0.00	45	0	0.00	30	0	0.00		
		Drinking Water	100.	112	1	0.01	37	0	0.00	45	0	0.00	30	1	0.03		
01092	ZINC, TOTAL	Fresh Acute	120.	112	1	0.01	37	0	0.00	45	1	0.02	30	0	0.00		
		Drinking Water	5000.	112	0	0.00	37	0	0.00	45	0	0.00	30	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	117	17	0.15	38	4	0.11	50	11	0.22	29	2	0.07		
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1983 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	1	24.	24.	24.	24.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		24.								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	18.6	18.17	28.	9.	48.022	6.93	9.	11.25	24.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	21.5	22.55	36.	12.	63.469	7.967	12.	15.75	29.625
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	10305.	9689.	16900.	4370.	17801032.222	4219.127	4402.	5200.	13025.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	60.	55.3	78.	5.	424.233	20.597	8.5	47.5	68.75
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	9.6	9.067	11.8	6.3	3.635	1.907	6.3	6.95	10.35
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	7.1	7.1	8.2	6.3	0.362	0.602	6.3	6.6	7.5
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	7.1	6.814	8.2	6.3	0.455	0.674	6.3	6.6	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.079	0.153	0.501	0.006	0.027	0.164	0.006	0.035	0.258
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	8	0.06	0.067	0.114	0.02	0.001	0.028	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.565	0.553	0.79	0.33	0.019	0.137	0.339	0.45	0.658
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	8	0.17	0.191	0.41	0.03	0.025	0.158	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	9	0.12	0.116	0.19	0.04	0.002	0.048	0.04	0.075	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	7	13.	17.	44.	10.	144.	12.	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	7	2.1	3.757	13.7	1.5	19.49	4.415	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	7	1.8	1.829	2.4	1.3	0.146	0.382	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	3	16.	13.667	18.	7.	34.333	5.859	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	7	1163.	1260.571	2107.	780.	189522.952	435.342	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	7	19.	38.286	110.	9.	1403.238	37.46	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	7	62.	60.143	93.	31.	416.476	20.408	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	5	76.	102.6	220.	30.	6062.8	77.864	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	5	1.881	1.904	2.342	1.477	0.122	0.349	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			80.116							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	9	0.064	0.063	0.1	0.015	0.001	0.028	0.015	0.04	0.085

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### Annual Analysis for 1985 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	21.5	20.318	27.	11.	34.064	5.836	11.2	15.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	11	26.	22.909	29.	12.	30.091	5.486	13.	18.	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	3940.	7085.455	26400.	1720.	52073447.273	7216.193	1720.	2820.	10200.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	5	10.	23.26	52.	9.3	377.588	19.432	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	5	40.	55.	140.	25.	2300.	47.958	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	11	65.	63.727	85.	31.	229.218	15.14	34.6	55.	75.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	11	7.5	8.136	11.5	6.6	2.571	1.603	6.64	6.9	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	4	2.05	4.875	14.	1.4	37.103	6.091	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.9	6.9	7.3	6.5	0.048	0.219	6.54	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	11	6.9	6.851	7.3	6.5	0.051	0.225	6.54	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	11	0.126	0.141	0.316	0.05	0.005	0.073	0.056	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	5	7.	6.82	7.1	6.2	0.132	0.363	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	5	7.	6.67	7.1	6.2	0.16	0.4	**	**	**

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### Annual Analysis for 1985 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	5	0.1	0.214	0.631	0.079	0.055	0.235	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	5	19.	18.6	25.	12.	22.3	4.722	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	5	78.	84.8	134.	66.	787.2	28.057	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	4	34.5	33.5	52.	13.	315.	17.748	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.08	0.121	0.32	0.015	0.009	0.097	0.02	0.06	0.17	0.314
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	9	0.37	0.432	0.81	0.27	0.026	0.162	0.27	0.33	0.49	0.81
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.44	0.462	0.67	0.26	0.015	0.124	0.267	0.383	0.563	0.663
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	11	0.1	0.107	0.17	0.06	0.001	0.038	0.06	0.08	0.15	0.168
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	11	13.	12.	17.	8.	11.2	3.347	8.	8.	15.	16.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	11	2.1	2.264	3.4	1.5	0.369	0.607	1.52	1.9	2.8	3.34
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	11	1.8	1.555	2.6	0.6	0.487	0.698	0.6	0.7	2.1	2.52
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	6	21.	21.	42.	7.	174.8	13.221	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	11	15.	43.727	133.	6.	2233.018	47.255	6.2	8.	75.	129.8
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	11	603.	1052.091	4430.	393.	1360271.891	1166.307	403.4	473.	885.	3852.
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	11	16.	21.545	54.	6.	206.273	14.362	6.4	13.	32.	50.6
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	11	67.	73.009	141.	20.	2027.373	45.026	21.	33.	122.	140.2
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	6	29.	26.833	40.	10.	146.167	12.09	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	6	17.5	21.333	40.	7.	196.267	14.01	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	4	83.	149.	396.	34.	28561.333	169.001	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	4	1.871	1.968	2.598	1.531	0.231	0.48	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			92.849								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.075	0.088	0.16	0.055	0.001	0.037	0.056	0.06	0.105	0.159

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### Annual Analysis for 1986 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	19.75	19.042	30.	9.	67.384	8.209	9.	10.125	27.5	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	12	25.5	25.	36.	11.	59.636	7.722	12.5	18.5	32.5	35.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	4260.	4945.833	12500.	2100.	9829008.333	3135.125	2142.	2632.5	5527.5	11582.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	12	12.	12.975	23.	7.2	26.989	5.195	7.29	9.25	16.	22.7
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	30.	31.5	60.	20.	150.278	12.259	20.	20.	36.25	58.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	84.5	78.583	105.	50.	414.083	20.349	50.3	56.5	97.25	103.5
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	7.55	7.967	12.	6.1	3.681	1.918	6.1	6.3	9.575	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	12	1.95	1.867	3.7	0.6	0.802	0.896	0.66	1.075	2.2	3.49
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.515	6.525	6.96	5.9	0.102	0.319	5.94	6.3	6.815	6.95
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.515	6.412	6.96	5.9	0.116	0.341	5.94	6.3	6.815	6.95
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	10	0.306	0.388	1.259	0.11	0.114	0.338	0.112	0.153	0.501	1.183
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	6.25	6.308	7.1	5.7	0.279	0.528	5.7	5.8	6.775	7.07
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	12	6.182	6.068	7.1	5.7	0.342	0.585	5.7	5.8	6.775	7.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	12	0.658	0.855	1.995	0.079	0.586	0.766	0.086	0.169	1.585	1.995
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	12	16.5	17.417	25.	13.	15.902	3.988	13.	14.	20.	24.4
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	12	83.	82.667	98.	66.	111.515	10.56	66.6	74.	89.5	98.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	12	17.	18.917	32.	9.	67.538	8.218	9.3	11.	28.	31.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.13	0.143	0.26	0.06	0.003	0.059	0.062	0.103	0.183	0.253
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.515	0.529	0.95	0.2	0.049	0.222	0.213	0.338	0.668	0.927
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	9	0.55	0.628	1.12	0.41	0.05	0.223	0.41	0.455	0.755	1.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	9	0.15	0.148	0.23	0.04	0.003	0.058	0.04	0.12	0.195	0.23
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	11	15.	15.455	31.	9.	36.873	6.072	9.2	10.	17.	28.6
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	11	3.2	3.382	10.1	0.8	6.108	2.471	0.84	2.2	3.8	8.88
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	11	1.8	1.718	2.2	1.2	0.102	0.319	1.22	1.4	1.9	2.18
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10	11.	11.1	23.	3.	47.878	6.919	3.1	4.	16.25	22.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	4	9.5	19.25	51.	7.	449.583	21.203	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	11	20.	25.364	84.	3.	490.255	22.142	4.4	12.	35.	74.6
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	11	729.	1058.273	3920.	261.	1058756.418	1028.959	271.4	577.	1144.	3479.2
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	11	30.	28.545	48.	10.	142.473	11.936	11.	17.	39.	46.8

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### Annual Analysis for 1986 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	11	60.	72.818	153.	35.	1100.964	33.181	38.	56.	75.	145.2
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	11	23.	30.909	151.	3.	1689.891	41.108	4.	9.	27.	128.6
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	11	8.	13.545	39.	1.	131.473	11.466	1.6	5.	22.	36.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	12	8.	46.75	246.	2.	6141.114	78.365	2.3	4.5	56.25	222.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	12	0.903	1.161	2.391	0.301	0.458	0.677	0.354	0.646	1.715	2.34
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			14.477								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	9	0.11	0.104	0.15	0.03	0.001	0.038	0.03	0.08	0.135	0.15

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### Annual Analysis for 1987 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	11	18.	17.364	27.5	7.5	64.855	8.053	7.6	9.	25.	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	11	20.	22.273	32.	9.	79.018	8.889	9.	17.	30.	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	5680.	16228.182	120000.	2950.	1189994096.364	34496.291	3008.	3300.	9090.	97870.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	11	15.	23.455	85.	5.9	557.675	23.615	5.94	10.	28.	77.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	11	25.	37.727	120.	20.	861.818	29.357	21.	25.	35.	108.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	11	81.	71.364	90.	39.	344.455	18.559	41.4	51.	89.	90.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	11	8.2	8.627	11.7	6.1	4.788	2.188	6.14	6.6	11.	11.64
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	1.15	1.025	1.4	0.5	0.128	0.358	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.6	6.55	6.8	6.22	0.056	0.237	6.22	6.265	6.75	6.8
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.6	6.49	6.8	6.22	0.06	0.245	6.22	6.265	6.75	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.251	0.323	0.603	0.158	0.034	0.186	0.158	0.179	0.545	0.603
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	11	6.8	6.691	7.2	5.7	0.233	0.483	5.74	6.5	7.	7.18
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	11	6.8	6.383	7.2	5.7	0.337	0.581	5.74	6.5	7.	7.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	11	0.158	0.414	1.995	0.063	0.392	0.626	0.066	0.1	0.316	1.848
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	11	21.	19.182	25.	12.	18.564	4.309	12.4	15.	22.	24.8
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	76.	81.455	132.	26.	921.673	30.359	33.6	64.	106.	130.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	15.	23.182	67.	2.	548.164	23.413	2.	7.	39.	66.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	0.1	0.11	0.28	0.01	0.007	0.083	0.01	0.053	0.153	0.265
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	0.3	0.738	5.36	0.05	2.138	1.462	0.107	0.26	0.46	3.938
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	0.435	0.464	0.71	0.23	0.018	0.135	0.26	0.375	0.575	0.683
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	0.12	0.127	0.21	0.07	0.002	0.046	0.073	0.085	0.15	0.207
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	12	15.5	17.	29.	10.	36.727	6.06	10.6	12.25	19.5	28.7
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	12	3.8	4.208	8.9	2.	3.454	1.858	2.18	3.05	5.025	8.09
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/05/84-12/11/96	12	1.45	1.467	2.1	1.	0.093	0.306	1.06	1.2	1.675	2.01
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	12	4.5	6.833	30.	1.	63.242	7.953	1.	1.5	8.5	24.3
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	12	7.	10.333	26.	1.	94.061	9.698	1.	1.25	20.5	25.1
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	12	6.5	8.25	25.	1.	68.75	8.292	1.	1.25	12.25	24.4
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	12	785.	1172.5	4336.	551.	1113492.455	1055.222	560.	668.	1299.5	3551.2
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	12	1.	5.542	20.	0.5	61.43	7.838	0.65	1.	12.	20.
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	12	66.	72.	147.	13.	1076.364	32.808	23.5	57.5	87.25	134.7
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	12	11.	10.167	24.	1.	65.97	8.122	1.	1.	13.75	23.7
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	12	9.5	15.	58.	1.	300.727	17.341	1.	3.25	19.	52.6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	11	33.	45.818	248.	3.	4773.364	69.09	3.8	8.	44.	209.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	11	1.519	1.371	2.394	0.477	0.271	0.521	0.551	0.903	1.643	2.26
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			23.47								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	0.09	0.09	0.15	0.05	0.001	0.026	0.056	0.073	0.098	0.141

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	15.5	15.9	28.	6.	61.544	7.845	6.05	8.375	22.75	27.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	17.	16.2	34.	1.	107.733	10.379	1.1	8.	24.	33.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	3785.	5178.	10500.	1640.	10187173.333	3191.735	1745.	2907.5	8910.	10425.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	10.5	15.06	46.	6.	158.567	12.592	6.03	6.525	19.25	44.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	27.5	37.	120.	20.	878.889	29.646	20.5	25.	32.5	112.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	87.5	84.4	125.	31.	948.489	30.798	33.2	54.5	112.5	124.5
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	8.5	8.867	12.2	6.4	3.707	1.925	6.4	7.	10.35	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.7	0.63	1.1	0.2	0.087	0.295	0.21	0.375	0.825	1.08
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	7.1	7.6	6.8	0.13	0.361	6.8	6.8	7.45	7.6
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	6.986	7.6	6.8	0.145	0.38	6.8	6.8	7.45	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.158	0.103	0.158	0.025	0.004	0.066	0.025	0.036	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.8	6.86	7.3	6.6	0.036	0.19	6.61	6.775	6.925	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.8	6.828	7.3	6.6	0.037	0.193	6.61	6.775	6.925	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.158	0.149	0.251	0.05	0.003	0.054	0.055	0.119	0.169	0.246
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	23.	22.	25.	13.	12.667	3.559	13.8	21.	24.25	25.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	83.	93.2	146.	74.	566.4	23.799	74.	75.5	110.5	143.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	11.	16.1	62.	6.	269.878	16.428	6.3	9.	14.25	57.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.095	0.111	0.28	0.01	0.005	0.074	0.015	0.06	0.15	0.267
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.36	0.357	0.64	0.09	0.033	0.181	0.091	0.22	0.49	0.634
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.45	0.462	0.58	0.35	0.006	0.074	0.355	0.408	0.52	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.125	0.115	0.17	0.06	0.001	0.036	0.061	0.078	0.143	0.168
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	16.5	16.3	21.	12.	7.344	2.71	12.1	14.5	18.25	20.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	3.85	4.05	6.4	3.2	1.012	1.006	3.2	3.275	4.45	6.25
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	1.7	1.62	2.	1.2	0.082	0.286	1.2	1.35	1.825	1.99
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	8	13.285	12.934	16.	9.04	5.009	2.238	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10	4.	5.6	13.	1.	23.822	4.881	1.	1.	11.	12.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10	9.	8.3	16.	1.	37.789	6.147	1.	1.	14.25	15.9
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	5.5	9.2	34.	1.	112.4	10.602	1.	1.	12.75	32.7
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	711.5	1291.8	4820.	392.	1748271.067	1322.222	399.2	553.25	1551.5	4493.9
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10	2.	11.2	31.	1.	169.511	13.02	1.	1.	26.25	30.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	64.	75.4	161.	33.	1566.711	39.582	34.6	51.25	90.25	157.9
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10	8.5	13.6	48.	1.	276.489	16.628	1.	1.	21.75	47.1
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	3.5	4.5	13.	1.	16.722	4.089	1.	1.	7.	12.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	23.5	40.4	149.	5.	2183.6	46.729	5.4	10.5	60.75	143.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	1.37	1.377	2.173	0.699	0.216	0.464	0.724	1.02	1.763	2.154
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	1.37	1.377	2.173	0.699	0.216	0.464	0.724	1.02	1.763	2.154
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.085	0.093	0.15	0.06	0.001	0.032	0.061	0.07	0.113	0.15

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	18.	17.65	25.5	9.	29.558	5.437	9.3	12.	23.	25.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	26.5	26.1	33.	19.	24.1	4.909	19.2	21.75	30.25	32.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	8675.	17336.2	83449.	2120.	581938646.4	24123.405	2357.	5112.5	18925.	77364.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	21.5	28.28	90.	7.	627.14	25.043	7.08	12.45	35.75	86.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	40.	44.	70.	20.	404.444	20.111	20.	27.5	70.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	90.	88.333	105.	70.	156.25	12.5	70.	75.	97.5	105.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	7.7	7.98	10.6	6.6	2.013	1.419	6.6	6.75	9.1	10.54
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	9	0.8	0.856	2.2	0.2	0.44	0.664	0.2	0.3	1.25	2.2
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	6.967	7.9	6.7	0.145	0.381	6.7	6.75	7.05	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.8	6.874	7.9	6.7	0.155	0.393	6.7	6.75	7.05	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.158	0.134	0.2	0.013	0.004	0.062	0.013	0.094	0.179	0.2
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.85	6.86	7.4	6.5	0.056	0.237	6.52	6.7	6.925	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.847	6.81	7.4	6.5	0.059	0.243	6.52	6.7	6.925	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.142	0.155	0.316	0.04	0.005	0.074	0.046	0.119	0.2	0.305

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1989 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	22.2	27.	17.	9.067	3.011	17.2	20.5	24.5	26.9	
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	99.	122.2	302.	56.	4665.289	68.303	58.6	86.5	134.5	286.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	22.	43.5	218.	3.	4093.167	63.978	3.5	10.25	49.25	202.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.04	0.042	0.1	0.01	0.001	0.029	0.01	0.01	0.063	0.097
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.39	0.374	0.7	0.04	0.046	0.214	0.042	0.225	0.525	0.69
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.365	0.407	0.7	0.21	0.031	0.175	0.211	0.265	0.545	0.695
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.09	0.1	0.19	0.06	0.001	0.034	0.062	0.087	0.103	0.182
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	19.	18.8	25.	16.	5.956	2.44	16.1	17.	19.	24.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	4.45	4.52	6.4	3.5	0.54	0.735	3.57	4.2	4.6	6.22
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/05/84-12/11/96	10	1.9	1.92	2.2	1.7	0.031	0.175	1.7	1.775	2.1	2.19
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	9	10.93	11.021	15.83	6.33	7.982	2.825	6.33	9.15	12.92	15.83
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	9	2.39	2.397	2.93	1.78	0.146	0.382	1.78	2.105	2.735	2.93
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10 ##	5.	5.6	13.	3.	7.156	2.675	3.2	5.	5.	12.2
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10 ##	5.	4.6	5.	1.	1.6	1.265	1.4	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10	14.	14.8	27.	5.	53.289	7.3	5.	8.75	20.75	26.6
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	10	787.5	1200.4	4130.	463.	1168565.822	1081.002	466.7	652.25	1388.5	3863.5
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	10 ##	15.	21.2	39.	15.	93.733	9.682	15.	15.	33.	38.4
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	10	99.5	118.8	416.	5.	12924.178	113.685	8.2	42.25	134.	388.4
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10 ##	15.	20.1	77.	4.	411.656	20.289	5.1	15.	15.	70.8
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10	6.5	8.7	19.	2.5	38.844	6.233	2.5	4.375	15.75	18.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	9	46.	298.111	2120.	6.	474258.111	688.664	6.	21.5	184.	2120.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	9	1.663	1.785	3.326	0.778	0.562	0.75	0.778	1.285	2.173	3.326
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			60.941								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.08	0.083	0.19	0.04	0.002	0.041	0.041	0.065	0.083	0.18

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### Annual Analysis for 1990 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	12	19.	18.333	30.	8.	58.606	7.655	8.6	10.25	25.75	29.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	12	22.	21.25	32.	10.	48.205	6.943	10.9	13.75	27.25	31.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	12	7055.	17878.25	122000.	2230.	1108051910.75	33287.414	2740.	4241.75	16584.25	91496.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	12	12.	19.958	70.	5.	367.839	19.179	5.75	11.	20.75	63.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	12	32.5	80.	500.	25.	18200.	134.907	25.	26.25	55.	386.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	12	72.5	75.333	104.	50.	296.788	17.228	53.	60.	90.	102.8
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	12	7.35	7.933	10.	5.1	3.022	1.739	5.52	6.525	9.925	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.75	0.92	1.7	0.3	0.286	0.535	0.31	0.475	1.4	1.7
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	12	6.9	6.875	7.3	6.5	0.044	0.209	6.53	6.8	6.975	7.24
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	12	6.9	6.83	7.3	6.5	0.046	0.215	6.53	6.8	6.975	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	12	0.126	0.148	0.316	0.05	0.005	0.073	0.059	0.106	0.158	0.297
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	12	7.	7.017	7.4	6.6	0.072	0.269	6.63	6.75	7.275	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	12	6.989	6.941	7.4	6.6	0.079	0.28	6.63	6.75	7.275	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	12	0.103	0.114	0.251	0.04	0.005	0.07	0.043	0.053	0.181	0.236
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	12	20.5	20.	23.	14.	6.364	2.523	14.9	19.	22.	22.7
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	11	80.	90.545	180.	70.	952.873	30.869	70.4	76.	90.	164.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	11	16.	16.273	28.	4.	66.618	8.162	4.2	6.	22.	27.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	12	0.065	0.059	0.09	0.005	0.001	0.027	0.007	0.05	0.078	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	12	0.26	0.263	0.6	0.05	0.021	0.143	0.077	0.145	0.345	0.534
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	12	0.405	0.39	0.54	0.18	0.007	0.086	0.228	0.343	0.443	0.513
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	12	0.06	0.07	0.18	0.02	0.002	0.039	0.026	0.053	0.078	0.153
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	12	17.	17.5	26.	12.	20.273	4.503	12.	14.25	21.	25.4
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	12	4.	3.967	6.7	2.1	1.81	1.345	2.16	3.	4.775	6.37
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/05/84-12/11/96	12	1.8	1.892	2.9	1.5	0.143	0.378	1.53	1.625	1.9	2.72
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	12	9.275	8.98	11.87	5.76	3.635	1.907	5.859	7.395	9.91	11.774
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	12	2.18	2.31	3.06	1.83	0.106	0.326	1.887	2.128	2.523	2.919
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	12 ##	5.	5.583	12.	5.	4.083	2.021	5.	5.	5.	9.9

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### Annual Analysis for 1990 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	12 ##	10.	15.25	42.	5.	161.114	12.693	5.	6.25	24.	40.2
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	12	12.	15.417	52.	5.	178.083	13.345	5.	5.	19.75	43.9
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	12	714.5	907.25	2274.	584.	227975.841	477.468	586.7	608.75	1029.25	1961.7
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	12	72.	89.25	176.	47.	1716.023	41.425	49.1	62.75	111.75	171.2
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	12 ##	15.	20.833	61.	15.	207.606	14.409	15.	15.	15.	54.4
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	12 ##	5.	17.5	127.	5.	1224.818	34.997	5.	5.	11.	96.4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	12	57.5	121.833	470.	7.	27147.788	164.766	7.3	13.5	149.	464.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	12	1.745	1.71	2.672	0.845	0.391	0.625	0.862	1.123	2.169	2.666
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			51.338								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	12	0.05	0.053	0.09	0.025	0.	0.017	0.03	0.04	0.06	0.084

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### Annual Analysis for 1991 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	7	18.	17.571	26.	9.	36.952	6.079	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	21.5	20.9	33.	9.	68.322	8.266	9.1	13.75	28.25	32.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	8383.5	9395.3	18432.	4057.	19996715.344	4471.769	4090.3	5901.25	12605.	17965.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	13.5	20.31	52.	3.8	291.192	17.064	3.98	6.425	36.	51.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	40.	45.5	80.	20.	413.611	20.337	21.	30.	57.5	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	7	70.	67.143	85.	50.	165.476	12.864	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	7	7.4	7.957	10.1	6.	2.85	1.688	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	6	0.95	0.867	1.3	0.2	0.175	0.418	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	7	6.8	6.786	7.1	6.3	0.078	0.279	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	7	6.8	6.702	7.1	6.3	0.086	0.294	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	7	0.158	0.199	0.501	0.079	0.022	0.147	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	6.9	6.88	7.4	6.1	0.164	0.405	6.15	6.6	7.225	7.39
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	6.855	6.697	7.4	6.1	0.201	0.448	6.15	6.6	7.225	7.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.139	0.201	0.794	0.04	0.05	0.225	0.041	0.06	0.251	0.74
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	19.	18.	23.	12.	18.	4.243	12.	14.25	21.5	23.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	78.	74.4	116.	6.	798.044	28.25	11.6	68.	87.5	113.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	20.5	21.2	55.	6.	225.067	15.002	6.	6.75	28.	52.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.06	0.084	0.29	0.01	0.006	0.079	0.01	0.048	0.103	0.272
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	02/03/84-12/11/96	9	0.42	5.102	43.12	0.05	203.294	14.258	0.05	0.2	0.615	43.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.37	0.347	0.51	0.11	0.014	0.116	0.126	0.278	0.41	0.509
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.04	0.04	0.08	0.01	0.	0.022	0.01	0.025	0.053	0.078
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	19.5	20.3	27.	16.	19.122	4.373	16.	16.	24.	27.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	4.7	4.91	8.5	1.8	3.31	1.819	1.97	3.725	6.025	8.26
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	1.7	1.98	3.6	1.4	0.468	0.684	1.41	1.65	2.125	3.52
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	7.08	7.147	10.5	3.91	3.98	1.995	4.001	5.885	8.547	10.415
00937	POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	10	2.03	2.016	2.28	1.6	0.042	0.204	1.624	1.9	2.195	2.276
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10 ##	10.	11.4	24.	10.	19.6	4.427	10.	10.	10.	22.6
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10 ##	5.	8.5	23.	5.	33.389	5.778	5.	5.	10.5	21.9
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	10	733.	684.2	1429.	9.	185412.4	430.595	19.7	299.	973.75	1393.6
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	10 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	10	72.5	74.1	145.	5.	1512.544	38.891	8.7	48.	98.5	141.7
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10 ##	15.	19.3	58.	15.	184.9	13.598	15.	15.	15.	53.7
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10 ##	5.	6.1	11.	5.	5.433	2.331	5.	5.	6.25	10.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	63.	172.55	1000.	7.5	89766.803	299.611	8.55	19.5	179.	923.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	1.797	1.828	3.	0.875	0.383	0.619	0.913	1.29	2.246	2.937
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.23								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.03	0.032	0.07	0.01	0.	0.019	0.01	0.018	0.05	0.068

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### Annual Analysis for 1992 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	9	18.	17.222	24.	10.	33.444	5.783	10.	11.	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	9	22.	21.	32.	5.	51.25	7.159	5.	19.	24.	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	6425.5	8897.9	24924.	4660.	43573487.433	6601.022	4669.4	5192.	9828.5	24079.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	9	8.9	10.633	33.	5.	73.505	8.574	5.	6.4	10.	33.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	9	25.	29.444	60.	15.	177.778	13.333	15.	20.	35.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	85.	80.778	105.	60.	195.444	13.98	60.	67.5	88.5	105.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	8.8	8.444	10.2	6.7	1.723	1.313	6.7	7.2	9.65	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	0.6	0.639	1.2	0.06	0.166	0.407	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.878	7.1	6.6	0.024	0.156	6.6	6.75	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.9	6.852	7.1	6.6	0.025	0.159	6.6	6.75	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.126	0.141	0.251	0.079	0.003	0.054	0.079	0.1	0.179	0.251
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	9	6.8	6.856	7.3	6.6	0.048	0.219	6.6	6.7	7.	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	9	6.8	6.813	7.3	6.6	0.05	0.223	6.6	6.7	7.	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	9	0.158	0.154	0.251	0.05	0.004	0.064	0.05	0.1	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	9	17.	16.889	23.	7.	27.361	5.231	7.	13.	21.	23.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	7	76.	76.286	96.	52.	168.571	12.984	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	7	15.	16.571	32.	10.	53.286	7.3	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.05	0.062	0.18	0.01	0.003	0.052	0.01	0.025	0.087	0.173
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.33	0.319	0.61	0.11	0.022	0.147	0.111	0.225	0.383	0.594
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.41	0.401	0.75	0.14	0.031	0.176	0.149	0.253	0.49	0.727
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.055	0.052	0.07	0.02	0.	0.016	0.021	0.045	0.063	0.07
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	15.5	26.6	141.	4.	1652.044	40.645	4.	10.75	20.75	129.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	3.8	8.38	48.6	2.7	200.855	14.172	2.71	3.025	5.175	44.37
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	1.8	2.03	4.9	1.4	1.038	1.019	1.42	1.6	1.825	4.6
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	12.03	10.385	17.88	1.94	29.67	5.447	1.971	5.798	14.773	17.699
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	2.605	2.831	4.27	1.78	0.669	0.818	1.809	2.145	3.535	4.201
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	10 ##	15.	13.	15.	10.	6.667	2.582	10.	10.	15.	15.
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	10 ##	5.	8.2	17.	5.	19.956	4.467	5.	5.	12.25	16.6
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	10	728.	840.2	1655.	448.	129924.4	360.45	464.7	618.75	972.25	1615.9
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	10 ##	15.	23.7	75.	15.	396.9	19.922	15.	15.	21.75	71.7
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	10	63.	93.3	306.	39.	7246.233	85.125	39.7	47.5	100.	293.5
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10 ##	15.	14.	15.	10.	4.444	2.108	10.	13.75	15.	15.
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	10 ##	8.5	13.7	36.	5.	140.233	11.842	5.	5.	21.	35.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	9	52.	99.333	480.	3.	21408.25	146.316	3.	28.5	99.	480.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	9	1.716	1.687	2.681	0.477	0.347	0.589	0.477	1.452	1.995	2.681
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.631								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.03	0.03	0.07	0.01	0.	0.019	0.01	0.01	0.04	0.067

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### Annual Analysis for 1993 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	6	17.	16.833	27.	7.	70.567	8.4	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	6	23.	22.333	35.	7.	119.467	10.93	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	6	7860.	10903.167	28755.	4674.	83197812.167	9121.283	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	6	14.	16.7	39.	5.4	145.932	12.08	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	6	32.5	49.167	140.	25.	2014.167	44.879	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	6	62.5	59.	80.	30.	328.	18.111	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	6	8.15	8.467	10.6	6.9	2.243	1.498	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	5	0.7	0.72	1.	0.5	0.037	0.192	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	6	6.85	6.9	7.1	6.8	0.016	0.126	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	6	6.847	6.886	7.1	6.8	0.016	0.127	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	6	0.142	0.13	0.158	0.079	0.001	0.034	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	6	6.9	6.933	7.5	6.5	0.107	0.327	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	6	6.9	6.845	7.5	6.5	0.116	0.341	**	**	**	**

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### Annual Analysis for 1993 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	6	0.126	0.143	0.316	0.032	0.009	0.095	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	6	19.5	18.667	21.	14.	8.267	2.875	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	6	73.	79.	104.	68.	204.4	14.297	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	6	23.	22.833	41.	10.	136.167	11.669	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	6	0.055	0.082	0.27	0.01	0.009	0.095	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	6	0.245	0.298	0.75	0.05	0.068	0.26	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	6	0.33	0.405	1.23	0.02	0.191	0.437	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	6	0.04	0.04	0.06	0.02	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	6	13.5	14.	20.	6.	23.6	4.858	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	6	3.45	3.3	5.5	0.7	2.548	1.596	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS Mg)	03/05/84-12/11/96	6	1.5	1.433	2.	0.8	0.163	0.403	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	6	7.815	8.373	14.73	4.29	14.579	3.818	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	6	2.135	1.988	2.9	0.87	0.573	0.757	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	6 ###	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/15/86-12/11/96	6 ###	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	07/27/84-12/11/96	6 ###	5.	11.333	25.	5.	96.667	9.832	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	03/05/84-12/11/96	6	602.5	861.833	2118.	199.	480340.567	693.066	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	6 ###	15.	20.833	50.	15.	204.167	14.289	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/05/84-12/11/96	6	61.	54.167	73.	25.	354.967	18.841	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	6 ###	15.	16.667	25.	15.	16.667	4.082	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	07/24/85-12/11/96	6 ###	11.	12.333	25.	5.	73.067	8.548	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	6	26.5	44.167	135.	1.	2323.767	48.205	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	6	1.423	1.332	2.13	0.	0.524	0.724	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			21.496								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	6	0.03	0.03	0.04	0.02	0.	0.006	**	**	**	**

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### Annual Analysis for 1994 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	19.	18.5	27.	9.	46.056	6.786	9.	12.	24.5	26.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	19.5	19.9	32.	11.	50.1	7.078	11.1	13.5	26.	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	10	7175.5	11498.3	53528.	2496.	226324269.122	15044.078	2609.5	4313.5	10732.5	49257.9
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	13.	15.36	35.	7.	71.787	8.473	7.13	9.05	20.	33.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	35.	35.5	50.	20.	102.5	10.124	20.5	28.75	42.5	50.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	70.	81.6	155.	55.	950.044	30.823	55.	58.75	94.	150.1
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	7.75	8.03	10.7	6.5	2.049	1.431	6.5	6.875	9.475	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	10	0.85	0.805	1.3	0.25	0.085	0.291	0.275	0.65	1.	1.27
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.8	6.75	6.9	6.4	0.029	0.172	6.41	6.65	6.9	6.9
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.8	6.715	6.9	6.4	0.031	0.175	6.41	6.65	6.9	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	10	0.158	0.193	0.398	0.126	0.008	0.092	0.126	0.126	0.229	0.39
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	10	7.2	7.04	7.3	6.4	0.076	0.276	6.44	6.875	7.2	7.29
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	10	7.2	6.94	7.3	6.4	0.087	0.295	6.44	6.875	7.2	7.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	10	0.063	0.115	0.398	0.05	0.011	0.105	0.051	0.063	0.134	0.374
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	10	20.	19.3	22.	11.	10.233	3.199	11.7	18.75	21.25	22.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	10	83.	91.	164.	68.	776.222	27.861	68.2	73.	96.	157.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	10	21.5	23.4	57.	8.	194.044	13.93	8.4	14.25	27.5	54.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	10	0.03	0.054	0.16	0.01	0.003	0.057	0.01	0.018	0.098	0.159
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	10	0.36	0.41	0.83	0.2	0.037	0.191	0.204	0.263	0.523	0.809
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	10	0.48	0.573	1.6	0.01	0.183	0.427	0.04	0.333	0.725	1.526
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	10	0.055	0.057	0.11	0.03	0.	0.022	0.031	0.04	0.063	0.106
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	18.	22.4	71.	14.	295.156	17.18	14.1	15.	19.	65.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	10	3.9	6.18	26.9	3.	53.248	7.297	3.05	3.575	4.55	24.68
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	10	1.75	1.71	2.4	1.	0.148	0.384	1.04	1.475	1.925	2.36
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	10	9.375	9.836	12.78	8.29	2.557	1.599	8.31	8.558	11.513	12.684
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	10	2.285	2.236	2.81	1.81	0.111	0.333	1.815	1.86	2.485	2.779

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### Annual Analysis for 1994 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	10 ##	5.	7.	25.	5.	40.	6.325	5.	5.	23.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10 ##	15.	16.	25.	15.	10.	3.162	15.	15.	24.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	12.5	15.5	46.	5.	153.833	12.403	5.	20.	43.7
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	780.	929.6	1896.	647.	149558.933	386.729	648.2	1043.5	1832.2
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	10 ##	25.	30.	50.	25.	111.111	10.541	25.	31.25	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	76.5	92.	188.	58.	1624.444	40.304	59.	102.75	183.
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	10 ##	15.	16.	25.	15.	10.	3.162	15.	15.	24.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10 ##	8.	11.1	25.	5.	61.656	7.852	5.	16.5	24.9
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	10	32.5	129.1	600.	7.	39975.656	199.939	7.4	11.75	577.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	10	1.477	1.64	2.778	0.845	0.456	0.675	0.865	2.278	2.757
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			43.602							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	10	0.045	0.044	0.07	0.02	0.	0.015	0.021	0.053	0.069

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### Annual Analysis for 1995 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	9	14.5	15.444	24.5	8.	43.465	6.593	8.	22.	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	9	22.	18.556	29.	1.	116.778	10.806	1.	28.5	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	9	7486.	12059.778	36992.	5737.	99778997.944	9988.944	5737.	14297.5	36992.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	9	13.	24.367	70.	6.5	508.048	22.54	6.5	41.	70.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	9	40.	48.333	120.	30.	775.	27.839	30.	50.	120.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	9	64.	63.111	111.	7.	828.611	28.786	7.	79.	111.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	9	9.4	8.878	10.5	6.8	2.107	1.452	6.8	10.25	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	1.	1.088	1.8	0.6	0.21	0.458	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.7	6.514	6.9	5.95	0.115	0.339	5.95	6.79	6.9
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	9	6.7	6.39	6.9	5.95	0.132	0.364	5.95	6.79	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	9	0.2	0.407	1.122	0.126	0.119	0.346	0.126	0.648	1.122
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	9	6.7	6.867	7.5	6.4	0.163	0.403	6.4	7.25	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	9	6.7	6.729	7.5	6.4	0.184	0.429	6.4	7.25	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	9	0.2	0.187	0.398	0.032	0.018	0.134	0.032	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	9	20.	19.111	26.	12.	20.111	4.485	12.	22.	26.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	7	78.	86.286	134.	70.	496.571	22.284	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	7	16.	22.	45.	11.	160.333	12.662	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	6 ##	0.015	0.025	0.08	0.01	0.001	0.027	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	6	0.3	0.348	0.62	0.05	0.051	0.227	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	6	0.4	0.39	0.48	0.28	0.005	0.068	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	6	0.04	0.04	0.07	0.01	0.001	0.024	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	6	12.	12.167	25.	2.	60.967	7.808	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	5	3.1	3.52	7.3	1.9	4.932	2.221	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	5	1.6	1.38	1.7	0.6	0.202	0.449	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	6	7.465	6.27	9.04	0.14	11.543	3.398	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K	02/14/89-12/11/96	6	2.09	1.853	2.47	0.18	0.707	0.841	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	5 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	5 ##	15.	15.	15.	15.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	5	11.	8.8	12.	5.	12.2	3.493	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	5	911.	879.8	1109.	687.	33322.7	182.545	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	5 ##	25.	25.	25.	25.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	5	61.	66.4	100.	49.	387.8	19.693	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	5 ##	15.	22.	50.	15.	245.	15.652	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	5 ##	5.	7.2	16.	5.	24.2	4.919	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	8	42.5	75.938	330.	13.	10978.317	104.777	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	8	1.628	1.648	2.519	1.114	0.197	0.444	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			44.507							
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	6	0.025	0.03	0.06	0.01	0.	0.021	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	10	15.05	15.41	25.5	7.	41.308	6.427	7.19	8.975	20.875	25.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	10	21.5	21.3	34.	4.	89.122	9.44	4.6	15.25	30.5	33.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	11	7661.	9889.182	25330.	3013.	43230255.964	6574.972	3400.6	5694.	12858.	23679.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	10	20.15	26.4	69.3	7.5	411.313	20.281	7.68	11.775	40.225	67.57
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	10	40.	45.	100.	15.	616.667	24.833	16.	25.	55.	97.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	10	76.	75.5	114.	48.	443.389	21.057	48.2	56.	87.75	112.8
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	10	9.55	9.7	12.7	7.3	2.731	1.653	7.37	8.3	10.75	12.61
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	8	0.3	0.513	1.	0.2	0.113	0.336	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.37	6.371	6.83	5.8	0.104	0.323	5.82	6.15	6.605	6.827
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	10	6.37	6.261	6.83	5.8	0.118	0.343	5.82	6.15	6.605	6.827
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	10	0.427	0.548	1.585	0.148	0.195	0.441	0.149	0.256	0.723	1.526
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	9	7.1	7.067	7.3	6.7	0.037	0.194	6.7	6.95	7.25	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	9	7.1	7.026	7.3	6.7	0.039	0.198	6.7	6.95	7.25	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	9	0.079	0.094	0.2	0.05	0.002	0.047	0.05	0.057	0.113	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	9	20.	18.667	24.	9.	22.75	4.77	9.	16.	22.5	24.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	9	83.	129.111	486.	63.	18297.111	135.267	63.	68.	116.	486.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	9	14.	14.333	24.	4.	56.25	7.5	4.	7.	21.5	24.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	8##	0.01	0.044	0.19	0.01	0.004	0.063	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	8	0.39	0.372	0.5	0.17	0.013	0.116	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	8	0.29	0.309	0.44	0.19	0.012	0.109	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	8	0.045	0.05	0.11	0.01	0.002	0.04	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	10	20.	26.7	90.	16.	500.678	22.376	16.1	17.75	22.	83.5
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	9	4.9	4.933	6.4	3.9	0.635	0.797	3.9	4.15	5.45	6.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	9	1.9	1.9	2.5	1.5	0.095	0.308	1.5	1.65	2.1	2.5
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	11	8.31	10.44	24.32	6.06	34.552	5.878	6.214	7.52	9.4	23.394
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	11	1.7	1.787	2.33	1.33	0.085	0.292	1.376	1.57	2.01	2.282
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/24/85-12/11/96	10##	5.	4.7	5.	2.	0.9	0.949	2.3	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	10##	15.	13.5	15.	0.	22.5	4.743	1.5	15.	15.	15.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	10	7.5	9.	18.	5.	22.222	4.714	5.	5.	12.5	17.6
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	10	702.	894.7	2077.	413.	245870.9	495.854	425.6	560.	1186.	1992.4
01051	LEAD, TOTAL (UG/L AS Pb)	03/05/84-12/11/96	10##	50.	41.9	50.	0.	311.656	17.654	1.9	42.25	50.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	10	63.	80.5	223.	38.	2830.278	53.2	38.9	53.75	94.25	210.2
01067	NICKEL, TOTAL (UG/L AS Ni)	07/24/85-12/11/96	10##	15.	13.7	15.	2.	16.9	4.111	3.3	15.	15.	15.
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	10	11.5	14.7	38.	5.	92.9	9.638	5.	9.5	20.	36.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	58.	127.9	550.	2.	28386.767	168.484	4.5	29.25	217.5	519.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	10	1.759	1.752	2.74	0.301	0.453	0.673	0.414	1.466	2.337	2.704
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			56.457								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	8	0.03	0.035	0.07	0.01	0.001	0.024	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	41	23.5	23.007	30.	11.	17.231	4.151	18.	19.75	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	42	28.	26.512	36.	12.	38.372	6.194	17.	21.5	33.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	44	5715.5	11695.523	122000.	1640.	481883553.558	21951.846	2420.	3862.5	14788.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	37	12.	18.546	90.	5.	331.563	18.209	6.24	7.5	38.64
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	37	30.	47.297	500.	20.	5992.492	77.411	24.	25.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	41	81.	82.024	155.	7.	528.824	22.996	60.	70.	104.8
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	40	7.	7.3	10.4	5.1	1.501	1.225	6.12	6.5	7.65
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	31	1.	1.442	14.	0.2	5.838	2.416	0.3	0.5	2.08
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	39	6.8	6.758	7.4	5.9	0.072	0.269	6.4	6.6	7.
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	39	6.8	6.667	7.4	5.9	0.081	0.284	6.4	6.6	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	39	0.158	0.216	1.259	0.04	0.038	0.196	0.1	0.126	0.398
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	37	6.8	6.765	7.4	5.7	0.148	0.385	6.08	6.7	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	37	6.8	6.534	7.4	5.7	0.203	0.45	6.08	6.7	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	37	0.158	0.292	1.995	0.04	0.206	0.454	0.063	0.1	0.835
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	36	20.	19.	27.	7.	17.771	4.216	13.7	16.25	25.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	35	82.	91.571	302.	6.	2187.723	46.773	65.2	74.	143.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	34	17.	26.529	218.	2.	1331.105	36.484	8.	13.	54.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	41	0.05	0.071	0.32	0.005	0.006	0.076	0.01	0.01	0.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	42	0.445	0.532	5.36	0.06	0.62	0.788	0.14	0.26	0.715
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	43	0.41	0.41	1.23	0.11	0.037	0.192	0.204	0.27	0.608
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	43	0.09	0.094	0.19	0.01	0.002	0.05	0.028	0.06	0.16
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	41	16.	20.634	141.	2.	530.238	23.027	10.	12.5	26.8
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	40	3.55	4.763	48.6	0.8	52.889	7.272	1.71	2.85	6.22
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	40	1.8	1.863	4.9	0.6	0.529	0.727	1.21	1.425	2.59
00929	SODIUM, TOTAL (MG/L AS NA)	03/22/88-12/11/96	26	10.22	10.335	19.69	0.14	17.71	4.208	5.436	7.978	16.613
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	24	2.285	2.307	3.58	0.18	0.474	0.688	1.595	2.02	3.29
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	36 ##	5.	7.556	42.	1.	56.083	7.489	3.8	5.	15.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	33 ##	15.	13.394	51.	1.	80.184	8.955	5.	9.5	23.6
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	40	11.	19.75	133.	1.	736.808	27.144	5.	5.	45.1
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	40	813.	1003.4	4130.	116.	494243.426	703.024	398.5	595.5	1878.4
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	40 ##	17.5	23.65	75.	1.	255.721	15.991	2.1	15.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	40	79.	104.553	416.	5.	5829.213	76.349	46.2	61.25	186.8
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	37 ##	15.	17.243	58.	1.	101.689	10.084	9.6	15.	30.8
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	37	10.	12.216	40.	1.	95.73	9.784	5.	5.	26.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	38	40.	124.276	2120.	2.	124968.928	353.509	5.7	13.125	263.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	38	1.602	1.551	3.326	0.301	0.386	0.621	0.748	1.118	2.409
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.572							
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	23	82.	362.043	2600.	8.	431126.043	656.602	10.2	36.	1522.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	23	1.914	2.026	3.415	0.903	0.496	0.704	1.004	1.556	3.143
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			106.238							
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	43	0.07	0.071	0.19	0.01	0.002	0.041	0.014	0.04	0.138

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	53	10.	10.758	18.	6.	7.314	2.704	7.7	9.	15.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	55	15.	14.991	28.	1.	44.301	6.656	5.	10.	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	53	8302.	11992.302	120000.	2120.	282868302.522	16818.689	3634.	4714.	25167.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	49	13.	21.076	85.	5.4	355.571	18.857	6.6	9.	52.
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	49	35.	46.735	140.	15.	1173.491	34.256	20.	25.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	53	60.	62.981	114.	5.	458.519	21.413	39.4	50.5	98.
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	53	10.	9.966	12.7	7.7	1.216	1.103	8.5	9.25	11.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	44	0.8	0.895	3.7	0.06	0.437	0.661	0.3	0.5	1.85
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	52	6.8	6.749	8.2	5.8	0.213	0.462	6.223	6.425	7.3
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	52	6.8	6.544	8.2	5.8	0.256	0.506	6.223	6.425	7.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	52	0.158	0.286	1.585	0.006	0.091	0.302	0.05	0.114	0.378	0.598
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	49	6.9	6.845	7.5	5.7	0.205	0.453	6.	6.6	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	49	6.9	6.555	7.5	5.7	0.291	0.54	6.	6.6	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	49	0.126	0.278	1.995	0.032	0.192	0.438	0.04	0.063	0.251	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	49	20.	18.816	26.	9.	20.278	4.503	12.	14.	22.	24.
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	46	78.	91.413	486.	26.	3940.559	62.774	63.7	71.5	93.	118.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	46	12.	16.543	67.	2.	151.276	12.299	6.	8.	23.25	31.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	45	0.062	0.085	0.28	0.01	0.004	0.066	0.01	0.035	0.13	0.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	45	0.34	0.35	0.75	0.04	0.022	0.148	0.112	0.27	0.41	0.588
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	44	0.405	0.416	1.12	0.01	0.051	0.226	0.065	0.285	0.528	0.73
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	44	0.065	0.075	0.23	0.02	0.002	0.048	0.025	0.04	0.098	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	49	16.	16.959	44.	4.	38.54	6.208	13.	14.	19.	22.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	48	3.9	4.169	13.7	0.7	4.147	2.036	2.53	3.125	4.6	6.04
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	48	1.7	1.76	2.9	0.6	0.126	0.355	1.39	1.6	1.975	2.2
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	32	8.585	9.269	24.32	1.94	19.522	4.418	4.401	6.92	10.3	15.5
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	28	2.095	2.11	2.9	1.33	0.141	0.376	1.569	1.86	2.395	2.611
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	45 ###	5.	6.444	27.	1.	31.525	5.615	3.	5.	5.	11.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	39 ###	14.	13.103	42.	1.	79.673	8.926	1.	7.	15.	25.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	47	10.	13.128	75.	1.	219.462	14.814	3.	5.	15.	26.2
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	48	746.	1054.292	4820.	199.	955173.275	977.33	463.9	636.25	1105.	1700.2
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	48 ###	15.	21.344	110.	0.5	379.991	19.493	1.	13.5	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	48	59.5	64.896	181.	5.	1147.755	33.879	34.8	46.25	71.5	114.8
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	45 ###	15.	17.689	61.	1.	160.946	12.686	3.	14.	16.5	39.4
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	45	5.	12.844	127.	1.	437.896	20.926	1.	4.5	14.	29.8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	50	43.5	109.07	550.	1.	19612.633	140.045	7.55	18.	161.5	366.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	03/02/83-12/11/96	50	1.638	1.66	2.74	0.	0.404	0.636	0.878	1.255	2.208	2.563
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			45.72								
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	28	31.	123.732	810.	2.5	35608.453	188.702	5.8	16.5	161.5	380.
31673	LOG FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	03/05/84-11/11/92	28	1.491	1.65	2.908	0.398	0.424	0.651	0.761	1.217	2.195	2.579
31673	GM FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	GEOMETRIC MEAN =			44.653								
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	44	0.05	0.059	0.16	0.01	0.001	0.036	0.02	0.03	0.078	0.105

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/84-12/11/96	33	22.	21.933	28.5	14.5	15.084	3.884	16.	19.	25.	26.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/83-12/11/96	34	25.	26.118	36.	20.	18.531	4.305	21.	22.	29.25	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/03/84-12/11/96	35	5877.	8080.829	22600.	1720.	29146457.323	5398.746	2696.	4541.	9899.	17220.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/28/85-12/11/96	28	13.5	18.568	54.	3.8	185.739	13.629	6.48	10.	24.475	50.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/85-12/11/96	26	32.5	38.077	80.	20.	268.154	16.375	20.	25.	50.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/03/84-12/11/96	32	79.5	78.563	111.	50.	241.544	15.542	55.9	70.	90.	103.2
00300	OXYGEN, DISSOLVED MG/L	02/03/84-12/11/96	32	7.25	7.372	9.9	6.1	0.898	0.948	6.3	6.625	7.775	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	08/28/85-12/11/96	23	1.1	1.043	2.2	0.25	0.326	0.571	0.27	0.6	1.3	2.04
00400	PH (STANDARD UNITS)	02/03/84-12/11/96	29	6.9	6.869	7.7	6.2	0.086	0.294	6.4	6.79	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	02/03/84-12/11/96	29	6.9	6.774	7.7	6.2	0.096	0.31	6.4	6.79	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/84-12/11/96	29	0.126	0.168	0.631	0.02	0.017	0.131	0.05	0.1	0.162	0.398
00403	PH, LAB, STANDARD UNITS SU	11/15/84-12/11/96	28	6.9	6.918	7.3	6.4	0.061	0.247	6.5	6.725	7.1	7.21
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/84-12/11/96	28	6.9	6.848	7.3	6.4	0.066	0.256	6.5	6.725	7.1	7.21
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/84-12/11/96	28	0.126	0.142	0.398	0.05	0.008	0.087	0.062	0.079	0.189	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-12/11/96	28	21.	20.214	25.	12.	8.249	2.872	16.7	19.	22.	23.1
00500	RESIDUE, TOTAL (MG/L)	08/28/85-12/11/96	27	83.	91.852	148.	65.	545.9	23.365	69.2	74.	100.	136.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/85-12/11/96	27	21.	26.296	65.	4.	259.37	16.105	8.2	16.	32.	56.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/84-12/11/96	36	0.065	0.083	0.29	0.01	0.005	0.067	0.01	0.043	0.098	0.202
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/84-12/11/96	35	0.34	1.601	43.12	0.05	52.245	7.228	0.05	0.2	0.62	0.748
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/84-12/11/96	34	0.425	0.448	1.6	0.05	0.058	0.241	0.28	0.358	0.485	0.635

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### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/84-12/11/96	36	0.07	0.085	0.23	0.01	0.003	0.052	0.027	0.05	0.118	0.15
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/84-12/11/96	35	16.	17.886	71.	8.	114.339	10.693	10.	12.	20.	26.2
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/05/84-12/11/96	35	3.8	4.517	26.9	1.5	18.144	4.26	1.96	2.2	4.8	6.76
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/05/84-12/11/96	35	1.6	1.58	2.2	0.6	0.133	0.365	1.12	1.4	1.8	1.94
00929	SODIUM, TOTAL (MG/L AS Na)	03/22/88-12/11/96	24	8.765	9.228	14.34	4.82	5.827	2.414	5.97	7.598	11.195	12.76
00937	POTASSIUM, TOTAL MG/L AS K)	02/14/89-12/11/96	22	2.18	2.199	4.27	0.87	0.451	0.671	1.444	1.848	2.41	3.137
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/85-12/11/96	30 ###	5.	7.6	30.	1.	41.766	6.463	4.	5.	6.5	19.3
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/86-12/11/96	27 ###	11.	10.148	16.	0.	28.9	5.376	1.	5.	15.	15.
01042	COPPER, TOTAL (UG/L AS CU)	07/27/84-12/11/96	33	11.	13.394	84.	1.	212.246	14.569	2.6	5.	16.5	24.2
01045	IRON, TOTAL (UG/L AS FE)	03/05/84-12/11/96	36	772.	950.889	3920.	9.	420723.644	648.632	512.2	603.75	1155.5	1493.2
01051	LEAD, TOTAL (UG/L AS PB)	03/05/84-12/11/96	36 ###	15.	21.528	65.	0.	225.513	15.017	1.7	15.	25.75	48.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/84-12/11/96	36	68.	73.917	161.	20.	825.679	28.735	39.3	58.25	84.	117.7
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/85-12/11/96	30 ###	15.	20.533	151.	1.	784.326	28.006	2.7	13.	15.	37.4
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/85-12/11/96	30	6.	11.167	36.	3.	77.178	8.785	5.	5.	17.	25.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	29	33.	90.793	1000.	3.	34823.527	186.611	7.	11.5	93.	160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/02/83-12/11/96	29	1.519	1.543	3.	0.477	0.35	0.592	0.845	1.06	1.964	2.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.9								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	9	70.	160.389	1000.	8.	100650.986	317.255	8.	16.25	109.5	1000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/05/84-11/11/92	9	1.845	1.746	3.	0.903	0.384	0.62	0.903	1.211	2.038	3.
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			55.756								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/03/84-12/11/96	35	0.05	0.054	0.15	0.01	0.001	0.032	0.01	0.03	0.08	0.094

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0034

NPS Station ID: COSW0034  
 Location: LAKE MARION  
 Station Type: /TYPA/AMBNT/LAKE  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050104  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050104001  
 RF3 Index: 03050110060300.42  
 Description:  
 LMA-001T LAKE MARION

LAT/LON: 33.750005/ -80.633337

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 2.530  
 RF3 Mile Point: 0.52

CALHOUN COUNTY

Agency: 21SC60WQ  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): LMA-001T  
 Within Park Boundary: No

Date Created: 02/08/78

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: ON  
 On/Off RF3:

### Parameter Inventory for Station: COSW0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/75-08/17/76	5	25.	20.4	27.	10.	61.3	7.829	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/75-08/17/76	6	16.5	17.583	25.	13.	18.642	4.318	**	**	**	**
00077 TRANSPARENCY, SECCHI DISC (INCHES)	09/10/75-03/11/76	4	24.	28.5	48.	18.	201.	14.177	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/09/75-08/17/76	6	45.	45.	70.	30.	230.	15.166	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/75-08/17/76	6	7.45	7.45	8.3	6.5	0.495	0.704	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	09/09/75-08/17/76	5	1.2	1.08	1.4	0.7	0.127	0.356	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	7.05	7.7	6.8	0.111	0.333	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/75-08/17/76	6	7.	6.974	7.7	6.8	0.118	0.343	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/75-08/17/76	6	0.1	0.106	0.158	0.02	0.003	0.051	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-09/10/75	2	80.	80.	85.	75.	50.	7.071	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/75-08/17/76	6	14.	14.833	19.	12.	8.967	2.994	**	**	**	**
00505 RESIDUE, TOTAL VOLATILE (MG/L)	09/09/75-08/17/76	6	27.	27.	36.	22.	26.8	5.177	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/75-08/17/76	6	35.5	32.833	50.	16.	174.967	13.227	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/75-08/17/76	5	0.05	0.059	0.1	0.025	0.001	0.028	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/09/75-08/17/76	5	0.23	0.202	0.28	0.1	0.007	0.082	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/75-08/17/76	6	0.375	0.383	0.46	0.31	0.004	0.062	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/09/75-08/17/76	5	0.08	0.063	0.08	0.025	0.001	0.025	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/09/75-08/17/76	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/09/75-08/17/76	6	900.	963.333	1670.	500.	146266.667	382.448	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/09/75-08/17/76	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/09/75-08/17/76	6	75.	83.333	150.	50.	1266.667	35.59	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/76-08/17/76	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	12/10/75-12/10/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/09/75-08/17/76	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/09/75-08/17/76	5	2900.	4620.	9200.	2400.	8392000.	2896.895	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	09/09/75-08/17/76	5	3.462	3.603	3.964	3.38	0.062	0.25	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	09/09/75-09/10/75	2	1030.	1030.	1600.	460.	649800.	806.102	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	2	2.933	2.933	3.204	2.663	0.147	0.383	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/09/75-09/10/75	2	2.933	2.933	3.204	2.663	0.147	0.383	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/75-08/17/76	4	375.	1833.75	6500.	85.	9699722.917	3114.438	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	4	2.565	2.718	3.813	1.929	0.628	0.792	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/11/75-08/17/76	4	2.565	2.718	3.813	1.929	0.628	0.792	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/75-08/17/76	6	109.5	102.5	170.	24.	4440.7	66.639	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	6	109.5	102.5	170.	24.	4440.7	66.639	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/09/75-08/17/76	6	2.022	1.898	2.23	1.38	0.141	0.376	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			79.129								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/09/75-08/17/76	6	0.055	0.05	0.06	0.02	0.	0.015	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	09/09/75-03/11/76	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72025 DEPTH OF POND OR RESERVOIR IN FEET	09/09/75-08/17/76	6	1.	1.	1.	1.	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: COSW0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400 PH	Other-Hi Lim.	9.	6	0	0.00	4	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00	2	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	4	0	0.00	2	0	0.00						
	Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	5	1.00	3	3	1.00	2	2	1.00						
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	3	0.75	2	1	0.50	2	2	1.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0035

NPS Station ID: COSW0035

Location: WATeree RVR 1MI ABOVE SEABOARD COASTLINE

Station Type: /TYPa/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050104

Major Basin: SOUTHEAST

Minor Basin: Santee-Cooper

RF1 Index: 03050104001

RF3 Index: 03050104000300.43

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF LOWER WATeree SURVEY

LAT/LON: 33.850004/ -80.633337

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 11.110

RF3 Mile Point: 0.43

FIRST DATE REPORTED: STORET 81/06/29

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CW-589

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.03

Date Created: 11/05/83

On/Off RF1: ON

On/Off RF3:

Parameter Inventory for Station: COSW0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0036

NPS Station ID: COSW0036

Location: CONGAREE RIVER

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: I/LAKE MARION

Minor Basin: US HWY 601 BRDG 3 MI E OF FORT MOTTE

RF1 Index: 03050110003

RF3 Index: 03050110005400.30

Description:

AT US HWY 601 BRDG APPROX 3 MI E OF FORT MOTTE

LAT/LON: 33.758337/ -80.641670

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.940

RF3 Mile Point: 4.72

Agency: 11EPALES

FIPS State/County: 45000 SOUTH CAROLINA/

STORET Station ID(s): 4506G1

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 16.40

Distance from RF3: 0.12

Date Created: / /

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/27/73-02/01/74	14	0.04	0.049	0.13	0.02	0.001	0.029	0.024	0.028	0.062	0.104
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	02/27/73-02/01/74	14	0.006	0.007	0.024	0.003	0.	0.006	0.003	0.004	0.008	0.019
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/27/73-02/01/74	14	0.315	0.313	0.47	0.115	0.009	0.093	0.168	0.248	0.39	0.44
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/27/73-02/01/74	13	0.29	0.354	0.72	0.2	0.023	0.152	0.212	0.26	0.4	0.672
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/27/73-02/01/74	14	0.315	0.318	0.48	0.13	0.008	0.09	0.185	0.25	0.39	0.445
00665 PHOSPHORUS, TOTAL (MG/L AS P)	02/27/73-02/01/74	14	0.087	0.108	0.24	0.07	0.002	0.048	0.07	0.078	0.141	0.2
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/27/73-02/01/74	14	0.035	0.036	0.05	0.024	0.	0.008	0.025	0.031	0.045	0.049

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0036

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0037

NPS Station ID: COSW0037      LAT/LON: 33.750005/ -80.644448

Location: CONGAREE RVR AT US 601

Station Type: /TYPA/AMBNT/FISH/STREAM/SOLIDS/ISSUE/BIO

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110001

RF3 Index: 03050110000100.94

Description:

SAMPLED BY SOUTH CAROLINA POLLUTION CONTROL AUTHORITY.

CONGAREE RIVER AT U.S. 601.

RICHLAND-CALHOUN COUNTY BORDER.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 3.220

RF3 Mile Point: 1.44

FIRST SAMPLE TAKEN 08/09/60.

3.0 AIRMI ENE OF FORT MOTTE, CALHOUN COUNTY, SC.

Agency: 21SC60WQ

FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN

STORET Station ID(s): C-007

Within Park Boundary: No

Aquifer:

Water Body ID:

ECO Region:

Distance from RF1: 2.80

Distance from RF3: 0.01

Date Created: / /

On/Off RF1: OFF

On/Off RF3:

## Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	345	20.	18.677	30.	4.	46.217	6.798	8.8	13.	24.	27.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	209	20.	20.11	35.	0.	64.002	8.	9.	14.5	27.	30.
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	117	8380.	9299.145	25500.	880.	28691883.746	5356.481	2868.	4850.	13500.	17240.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	07/15/63-01/18/74	20	43.5	64.35	195.	28.	2238.766	47.316	30.	31.5	68.	150.
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	06/02/70-02/15/74	11	17.	39.545	288.	7.	6815.073	82.553	7.2	10.	19.	234.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	271	15.	22.462	210.	0.6	580.869	24.101	6.	9.	26.	45.
00078 TRANSPARENCY, SECCHI DISC (METERS)	09/10/75-07/13/84	4	0.38	0.455	0.76	0.3	0.047	0.217	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	07/15/63-03/27/97	65	70.	92.423	240.	2.5	2775.775	52.686	35.	50.	140.	160.
00204 DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	04/23/91-04/23/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	346	7.8	8.174	13.2	2.9	2.787	1.67	6.4	6.9	9.4	10.6
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/60-09/20/72	27	82.5	83.5	100.	69.	42.519	6.521	77.8	79.	85.	93.4
00310p BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	321	1.4	1.907	11.	0.05	2.38	1.543	0.5	0.8	2.7	3.8
00335 COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	121	8.4	11.183	99.	2.5	126.507	11.248	2.5	2.75	16.	19.8
00339 COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/01/76-11/24/86	10	2950.	5011.	26000.	680.	58543210.	7651.353	686.	740.	5325.	23940.
00340 COD, .25N K2CR2O7 MG/L	11/29/74-06/20/80	24	22.5	27.5	98.	4.	500.261	22.367	7.	10.5	41.25	58.
00400p PH (STANDARD UNITS)	08/09/60-06/26/97	324	6.8	6.828	8.5	5.2	0.165	0.406	6.4	6.578	7.	7.3
00400p CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	324	6.8	6.637	8.5	5.2	0.202	0.449	6.4	6.578	7.	7.3
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	324	0.158	0.231	6.31	0.003	0.16	0.4	0.05	0.1	0.265	0.398
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	244	70.	71.943	200.	30.	380.523	19.507	50.	60.	80.	95.
00403p PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	256	6.8	6.762	9.	5.8	0.148	0.385	6.3	6.5	7.	7.2
00403p CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	256	6.8	6.603	9.	5.8	0.174	0.417	6.3	6.5	7.	7.2
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	256	0.158	0.25	1.585	0.001	0.062	0.249	0.063	0.1	0.316	0.501
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	320	19.	19.084	40.	2.	24.266	4.926	14.	16.	22.	24.
00500 RESIDUE, TOTAL (MG/L)	03/22/85-12/18/86	2	11.	11.	14.	8.	18.	4.243	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	219	18.	23.119	230.	3.	577.371	24.029	8.	11.	26.	38.
00557 OIL & GREASE, SED, DRY WT, FREON EXTR-GRAV METH, MG/KG	11/01/76-11/16/89	13	260.	893.308	5100.	40.	2097273.564	1448.197	46.8	103.	1130.	4020.
00600 NITROGEN, TOTAL (MG/L AS N)	06/08/71-10/06/71	3	0.07	0.063	0.09	0.03	0.001	0.031	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	256	0.06	0.139	2.7	0.01	0.097	0.312	0.025	0.025	0.11	0.203
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/06/71-12/06/95	5	0.33	0.241	0.41	0.025	0.032	0.18	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	252	0.41	0.748	32.	0.05	4.594	2.143	0.24	0.3	0.625	1.1
00626 NITROGEN, ORG. KJEL., BOT. DEPOS. (MG/KG-N DRY WGT)	11/01/76-11/20/84	9	15.	289.014	2000.	1.25	422382.553	649.91	1.25	2.94	246.5	2000.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	11	47.	129.727	550.	20.	42347.018	205.784	20.	20.	62.	548.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	289	0.37	0.373	1.14	0.03	0.015	0.122	0.25	0.3	0.43	0.5
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/03/89-02/03/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/19/75	31	0.15	0.178	0.63	0.	0.021	0.147	0.006	0.09	0.24	0.344
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	253	0.08	0.12	4.4	0.01	0.081	0.285	0.05	0.06	0.11	0.18
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/28/90-03/28/90	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/01/76-02/22/96	20	93.	479.828	3750.	1.25	944230.817	971.715	1.25	42.5	384.7	2440.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	248	4.	4.944	27.1	0.5	10.741	3.277	2.38	3.	5.875	8.52
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/12/71-02/13/97	19	16.	16.211	28.	10.	16.398	4.049	10.	15.	17.	23.
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/23/83-03/07/86	3	3.1	3.233	3.6	3.	0.103	0.321	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/01/76	19	1.5	1.468	2.	0.3	0.149	0.386	1.	1.3	1.6	2.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/20/80-03/07/86	4	1.75	16.2	60.	1.3	852.7	29.201	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/71-10/06/71	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/10/73-08/30/77	32##	5.	51.25	952.	0.005	29063.016	170.479	5.	5.	15.	107.7
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	117##	5.	5.043	10.	5.	0.214	0.462	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	20##	0.5	0.499	0.5	0.485	0.	0.003	0.5	0.5	0.5	0.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	20##	2.5	5.895	36.	1.8	65.368	8.085	2.14	2.5	5.625	15.8
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/73-05/17/77	30##	25.	31.668	100.	0.025	298.796	17.286	25.	25.	31.25	50.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	117##	25.	19.701	70.	5.	103.142	10.156	5.	5.	25.	25.
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/73-08/30/77	36##	50.	44.446	50.	0.05	146.698	12.112	25.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	117##	25.	33.462	700.	5.	4428.647	66.548	5.	5.	50.	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/01/76-02/22/96	20##	2.5	4.378	29.	0.5	37.555	6.128	0.5	2.5	5.	7.56
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	117	1000.	1317.692	5000.	190.	788404.111	887.921	600.	715.	1550.	2260.
01046	IRON, DISSOLVED (UG/L AS FE)	04/30/73-08/30/77	40	910.	1189.57	2930.	0.8	551501.673	742.632	494.2	683.25	1707.5	2562.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/73-08/30/77	37##	25.	39.595	200.	0.025	1450.471	38.085	25.	25.	25.	100.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	117##	25.	32.137	130.	25.	288.067	16.973	25.	25.	25.	52.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/01/76-02/22/96	20##	2.5	7.75	47.	2.5	125.512	11.203	2.5	2.5	6.	26.8
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/21/92-08/21/92	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	115	70.	85.914	420.	0.06	3726.042	61.041	40.	50.	100.	138.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/30/77	25	125.	356.08	4200.	25.	675915.41	822.141	25.	77.5	255.	616.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/30/77	23##	50.	60.435	290.	50.	2504.348	50.043	50.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	117##	25.	29.573	250.	10.	665.764	25.802	10.	10.	50.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	20##	2.5	3.423	12.	1.	6.908	2.628	1.	1.375	5.	6.28
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/07/82-06/16/94	23	1.	1.457	5.2	0.2	2.012	1.418	0.32	0.5	1.8	4.52
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	10/13/86-10/17/86	4##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/14/75-08/30/77	20##	50.	53.	110.	50.	180.	13.416	50.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	116##	27.5	120.431	4000.	5.	191902.856	438.067	5.	25.	87.5	200.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/01/76-02/22/96	20	11.	18.97	100.	2.5	532.81	23.083	4.92	7.1	20.	57.41
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	11/10/88-11/10/88	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/03/89-02/16/90	4	500.	607.5	1200.	230.	207491.667	455.513	**	**	**	**
01360	SAMPLE LENGTH CM	05/23/77-12/03/96	51	33.	35.786	86.	12.5	256.726	16.023	18.	23.	44.	58.92
01361	SAMPLE LENGTH-MAXIMUM CM	01/05/84-10/25/88	10	35.4	34.47	56.	16.6	163.749	12.796	16.94	20.6	45.875	55.1
01362	SAMPLE WEIGHT-MAXIMUM G	01/05/84-10/25/88	10	497.5	605.94	1560.	29.4	292516.614	540.848	36.26	135.5	1200.	1524.
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	01/05/84-10/25/88	10	295.5	412.1	995.	56.	122645.656	350.208	61.6	125.5	805.	983.5
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	01/05/84-10/25/88	10	32.15	32.557	50.2	15.94	138.557	11.771	16.286	20.	45.138	49.705
01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	01/05/84-10/25/88	10	30.95	30.72	47.	14.7	135.862	11.656	15.03	18.975	43.8	46.77
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	01/05/84-10/25/88	10	388.1	511.79	1097.5	81.6	162321.387	402.891	86.48	154.348	1034.	1091.75
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/23/77-12/03/96	51	440.	751.137	5980.	25.	954951.121	977.216	115.	170.	1000.	1740.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	06/08/71-08/12/71	3	54000.	74400.	160000.	9200.	5997280000.	77442.107	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	06/08/71-08/12/71	3	4.732	4.633	5.204	3.964	0.392	0.626	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	08/09/60-07/12/68	8	51500.	51675.	92000.	13000.	1340605000.	36614.273	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/09/60-07/12/68	8	4.639	4.586	4.964	4.114	0.142	0.376	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/09/60-07/12/68	8	4.639	4.586	4.964	4.114	0.142	0.376	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	25	1100.	4571.32	24000.	13.	43472096.06	6593.337	26.	135.	8590.	15280.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	25	3.041	2.924	4.38	1.114	1.001	1.	1.407	2.13	3.933	4.182
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	25	3.041	2.924	4.38	1.114	1.001	1.	1.407	2.13	3.933	4.182
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	224	145.	830.933	24000.	8.	6511473.713	2551.759	30.	56.25	476.5	1600.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	224	2.161	2.254	4.38	0.903	0.46	0.678	1.477	1.75	2.678	3.203
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	224	2.161	2.254	4.38	0.903	0.46	0.678	1.477	1.75	2.678	3.203
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/25/89-03/27/97	8##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/25/89-03/27/97	8##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32104	BROMOFORM,WHOLE WATER,UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/26/81-04/23/91	2	3.75	3.75	4.4	3.1	0.845	0.919	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/04/88-10/04/88	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34205	ACENAPHTHENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34220	ANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34223	ANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	11/23/87-02/22/96	9 ##	150.	144.444	150.	100.	277.778	16.667	100.	150.	150.
34237	BENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34247	BENZO-A-PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/23/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/23/95-03/27/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34290	BROMOFORM DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	7 ##	10.	10.	10.	10.	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	05/25/89-03/27/97	12 ##	1.	4.	10.	1.	19.636	4.431	1.	1.	10.
34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/06/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34320	CHRYSENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34323	CHRYSENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34341	DIMETHYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34351	ENDOSULFAN SULFATE TOTWUG/L	06/10/88-03/27/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34355	ENDOSULFAN SULFATE WET WGT TISM/G/KG	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/10/88-03/27/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34360	ENDOSULFAN, BETA WET WGT TISM/G/KG	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/10/88-03/27/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34365	ENDOSULFAN, ALPHA WET WGT TISM/G/KG	10/25/88-06/16/94	3 ##	0.003	0.01	0.025	0.003	0.	0.013	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/10/88-03/27/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34370	ENDRIN ALDEHYDE WET WGT TISM/G/KG	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
34371	ETHYLBENZENE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34381	FLUORENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34384	FLUORENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.

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# Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34391	HEXACHLOROBTADIENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34408	ISOPHORONE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34411	ISOPHORONE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34413	METHYL BROMIDE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34447	NITROBENZENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34450	NITROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	1 ##	150.	150.	150.	150.	0.	0.	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTISM/KG	11/16/89-11/16/89	1 ##	150.	150.	150.	150.	0.	0.	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34469	PYRENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34472	PYRENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34475	TETRACHLOROETHYLENE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	7 ##	1.	1.	1.	1.	0.	0.	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34524	BENZO(GH)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34531	1,2-DICHLOROETHANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34536	1,2-DICHLOROETHANE TOTWUG/L	06/10/88-03/27/97	11 ##	2.	1.727	2.	1.	0.218	0.467	1.	1.	2.
34539	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	134.444	150.	10.	2177.778	46.667	10.	150.	150.
34541	1,2-DICHLOROPROPANE TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34551	1,2,4-TRICHLOROETHANE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34554	1,2,4-TRICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34566	1,3-DICHLOROETHANE TOTWUG/L	06/10/88-03/27/97	11 ##	2.	1.727	2.	1.	0.218	0.467	1.	1.	2.
34569	1,3-DICHLOROETHANE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	134.444	150.	10.	2177.778	46.667	10.	150.	150.
34571	1,4-DICHLOROETHANE TOTWUG/L	06/10/88-03/27/97	11 ##	2.	1.727	2.	1.	0.218	0.467	1.	1.	2.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	134.444	150.	10.	2177.778	46.667	10.	150.	150.	150.
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34586	2-CHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34591	2-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34611	2,4-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34616	2,4-DINITROPHENOL TOTWUG/L	06/10/88-03/15/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/06/92	5 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34626	2,6-DINITROTOLUENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	166.667	300.	150.	2500.	50.	150.	150.	150.	300.
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34646	4-NITROPHENOL TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34649	4-NITROPHENOL DRY WGTBOTUG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	1 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMUG/KG	10/25/88-06/16/94	3	0.052	0.044	0.055	0.025	0.	0.017	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
34674	PCB - 1016 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMUG/KG	10/25/88-06/16/94	3 ##	0.025	0.042	0.076	0.025	0.001	0.029	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTUG/KG	11/23/87-02/22/96	9 ##	150.	166.667	300.	150.	2500.	50.	150.	150.	150.	300.
34696	NAPHTHALENE TOTWUG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-06/16/94	30 ##	0.003	0.007	0.094	0.002	0.	0.018	0.003	0.003	0.003	0.009
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/23/83-02/22/96	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER, UG/L	06/10/88-03/27/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/15/91	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/23/87-02/06/92	5 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/25/89-03/27/97	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	19 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025	0.025
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	0.979	2.5	0.05	0.225	0.474	0.05	1.	1.	1.
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	15 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025	0.025

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	17 ##	1.	1.144	4.4	0.05	0.757	0.87	0.81	1.	1.68
39307	O P DDT IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	2 ##	0.003	0.003	0.003	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	19 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	0.979	2.5	0.05	0.225	0.474	0.05	1.	1.
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	15 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	16 ##	1.	0.941	1.	0.05	0.056	0.238	0.715	1.	1.
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	06/26/81-07/07/82	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	19 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	1.371	7.5	0.05	2.377	1.542	1.	1.	2.5
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/25/88-06/16/94	3	0.04	0.031	0.05	0.003	0.001	0.025	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/76-03/04/94	14 ##	0.025	0.024	0.025	0.005	0.	0.005	0.015	0.025	0.025
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/23/83-02/22/95	12 ##	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.7
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	0.926	1.5	0.05	0.108	0.329	0.05	1.	1.
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	30 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	18 ##	0.025	0.023	0.025	0.005	0.	0.006	0.005	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	18 ##	0.025	0.023	0.025	0.005	0.	0.006	0.005	0.025	0.025
39340	GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	08/21/75-08/21/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-06/16/94	30 ##	2.5	25.763	150.	2.5	1500.177	38.732	2.5	2.5	82.88
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/30/87-03/27/97	11 ##	0.025	0.066	0.25	0.025	0.008	0.091	0.025	0.025	0.25
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/23/87-02/22/96	9 ##	1.	1.722	7.5	1.	4.694	2.167	1.	1.	7.5
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	36	6.44	25.841	250.	2.5	2197.464	46.877	2.5	2.5	78.82
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	36	69.55	210.744	3290.	2.5	298084.994	545.972	5.45	24.125	334.5
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	36 ##	2.5	20.811	399.	2.5	4507.148	67.135	2.5	2.5	42.18
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/77-10/25/88	36	0.085	0.254	3.69	0.003	0.377	0.614	0.01	0.05	0.357
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	19 ##	1.	1.111	5.	0.05	0.976	0.988	0.05	1.	1.
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/23/77-06/16/94	34 ##	2.5	2.574	5.	2.5	0.184	0.429	2.5	2.5	2.5
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.023	0.05	0.005	0.	0.01	0.005	0.025	0.025
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	1.111	5.	0.05	0.976	0.988	0.05	1.	1.
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-06/16/94	34 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	2.05	4.	0.5	0.692	0.832	0.65	2.	3.8
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.145	1.25	0.005	0.143	0.378	0.005	0.025	1.128
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	19 ##	1.	3.953	35.	0.05	87.12	9.334	0.05	1.	25.
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/22/80-06/16/94	30 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	17 ##	1.	0.888	1.	0.05	0.1	0.316	0.05	1.	1.
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	07/07/82-06/16/94	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/01/76-02/22/96	17 ##	1.	0.888	1.	0.05	0.1	0.316	0.05	1.	1.
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	07/07/82-06/16/94	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/06/80-03/04/94	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/18/77-02/22/95	16 ##	1.	0.969	1.	0.5	0.016	0.125	0.85	1.	1.
39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-06/16/94	30 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.3	0.5	0.25	0.011	0.105	0.25	0.25	0.5
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/23/87-02/22/95	8 ##	5.	5.	5.	5.	0.	0.	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/23/87-02/22/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	7.5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/77-10/25/88	32	0.178	0.406	2.5	0.025	0.455	0.675	0.025	0.025	1.748
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/76-03/30/87	9 ##	0.25	0.203	0.25	0.025	0.009	0.094	0.025	0.15	0.25

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-11/24/86	8 ##	5.	9.75	50.	0.5	267.286	16.349	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	1.85	2.	0.5	0.225	0.474	0.65	2.	2.
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	1.85	2.	0.5	0.225	0.474	0.65	2.	2.
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	1.85	2.	0.5	0.225	0.474	0.65	2.	2.
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	1.85	2.	0.5	0.225	0.474	0.65	2.	2.
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/30/87-03/30/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	06/10/88-03/27/97	11 ##	2.	1.291	2.	0.05	0.968	0.984	0.05	0.05	2.
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/23/87-02/22/96	9 ##	150.	133.556	150.	2.	2433.778	49.333	2.	150.	150.
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-06/16/94	30 ##	2.5	3.5	12.5	2.5	9.31	3.051	2.5	2.5	11.5
39705	HEXACHLORO BUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
39755	MIREX, TOTAL (UG/L)	03/30/87-03/04/94	8 ##	0.05	0.609	4.55	0.025	2.535	1.592	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/23/87-02/22/95	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	20 ##	0.025	0.022	0.025	0.005	0.	0.007	0.005	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	19 ##	1.	0.979	2.5	0.05	0.225	0.474	0.05	1.	1.
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-06/16/94	30 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/04/94	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	10 ##	2.	1.85	2.	0.5	0.225	0.474	0.65	2.	2.
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/25/85-11/24/86	3	0.	0.	0.	0.	0.	0.	**	**	**
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/25/85-11/24/86	3	0.	0.	0.	0.	0.	0.	**	**	**
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	10/25/88-06/16/94	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
70310	PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	11/16/89-11/16/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/89-11/16/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	11/01/76-02/22/96	4	25.	28.	42.	20.	93.333	9.661	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/01/76-02/22/96	18 ##	0.5	1.622	12.	0.3	8.395	2.897	0.3	0.5	1.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/01/76	13	0.02	0.038	0.24	0.01	0.004	0.062	0.01	0.01	0.03
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	04/23/91-04/23/91	1	5.52	5.52	5.52	5.52	0.	0.	**	**	**
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	08/09/60-08/12/71	9	54000.	62266.667	160000.	9200.	2354530000.	48523.499	9200.	20600.	92000.
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	08/09/60-08/12/71	9	4.732	4.651	5.204	3.964	0.163	0.404	3.964	4.308	4.964
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			44780.013							5.204
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	154 ##	0.1	0.333	4.1	0.04	0.335	0.579	0.1	0.1	0.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/01/76-02/22/96	19 ##	0.15	0.182	0.5	0.1	0.008	0.092	0.1	0.15	0.15
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-12/03/96	48 ##	0.125	0.291	1.26	0.1	0.067	0.258	0.1	0.125	0.39
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	40	1.05	1.361	4.7	0.4	0.911	0.954	0.5	0.5	2.025
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-06/16/94	35 ##	1.	0.954	2.6	0.3	0.297	0.545	0.5	0.5	1.2
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	40	10.	12.548	52.	2.79	91.833	9.583	4.	5.475	19.5
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	40 ##	0.5	1.278	10.	0.05	3.409	1.846	0.149	0.5	1.248
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-06/16/94	40 ##	0.1	0.108	0.21	0.05	0.001	0.03	0.1	0.1	0.139
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/07/74-08/05/77	9	67.02	66.988	70.	64.46	3.305	1.818	64.46	65.51	68.355
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
77089	ANILINE WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77247	BENZOIC ACID WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77625	AZOBENZENE WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/23/87-02/22/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/95	8 ##	5.	5.	5.	5.	0.	0.	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/23/87-02/22/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
79005	CHLORDANE, GAMMA, IN FISH UG/KG	07/06/83-07/06/83	1	150.	150.	150.	150.	0.	0.	**	**	**
79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	06/26/81-06/26/81	4	68.5	63.825	83.2	35.1	449.303	21.197	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	06/10/88-03/27/97	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/77-12/03/96	61	1.	1.492	5.	1.	1.521	1.233	1.	1.	4.6
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-06/16/94	30 ##	0.003	0.004	0.013	0.003	0.	0.003	0.003	0.003	0.012
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	05/27/93-03/04/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-10/17/86	4 ##	17.	20.	36.	10.	157.333	12.543	**	**	**
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-10/17/86	8	7.7	7.4	16.	0.5	28.626	5.35	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	10/25/88-06/16/94	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
81802	GUTHION IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/13/86-06/16/94	7 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/13/86-06/16/94	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	10/25/88-06/16/94	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	273	0.3	0.523	50.	0.3	9.121	3.02	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/23/87-02/22/95	8 ##	2.	1.875	2.	1.	0.125	0.354	**	**	**
82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/16/94-06/16/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15- Obs	Exceed	Prop.	11/16-3/31- Obs	Exceed	Prop.	4/01-6/30- Obs	Exceed	Prop.	n/a- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	9	0.45	14	6	0.43	4	2	0.50	2	1	0.50		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	271	24	0.09	93	5	0.05	108	15	0.14	70	4	0.06		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	346	1	0.00	149	0	0.00	111	1	0.01	86	0	0.00		
00400	PH	Other-Hi Lim.	9.	324	0	0.00	135	0	0.00	109	0	0.00	80	0	0.00		
		Other-Lo Lim.	6.5	324	78	0.24	135	35	0.26	109	22	0.20	80	21	0.26		
00403	PH, LAB	Other-Hi Lim.	9.	256	1	0.00	98	0	0.00	94	1	0.01	64	0	0.00		
		Other-Lo Lim.	6.5	256	74	0.29	98	27	0.28	94	30	0.32	64	17	0.27		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	289	0	0.00	103	0	0.00	112	0	0.00	74	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00								
		Drinking Water	250.	2	0	0.00	2	0	0.00								
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00					
		Drinking Water	50.	1	0	0.00				1	0	0.00					
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	9 &	8	0.89	2	2	1.00	4	4	1.00	3	2	0.67		
		Drinking Water	5.	9 &	8	0.89	2	2	1.00	4	4	1.00	3	2	0.67		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	1	1.00				1	1	1.00					
		Drinking Water	5.	1 &	1	1.00				1	1	1.00					
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	30	1	0.03	10	0	0.00	10	0	0.00	10	1	0.10		
01034	CHROMIUM, TOTAL	Drinking Water	100.	117	0	0.00	40	0	0.00	48	0	0.00	29	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	2 &	1	0.50							2	1	0.50		
		Drinking Water	1300.	36	0	0.00	15	0	0.00	11	0	0.00	10	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	36 &	3	0.08	12	1	0.08	14	0	0.00	10	2	0.20		
		Drinking Water	1300.	117	0	0.00	40	0	0.00	48	0	0.00	29	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	32 &	1	0.03	13	0	0.00	9	0	0.00	10	1	0.10		
		Drinking Water	15.	2 &	1	0.50							2	1	0.50		
01051	LEAD, TOTAL	Fresh Acute	82.	117	2	0.02	40	0	0.00	48	2	0.04	29	0	0.00		
		Drinking Water	15.	23 &	23	1.00	5	5	1.00	9	9	1.00	9	9	1.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: COSW0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	23	0	0.00	8	0	0.00	9	0	0.00	6	0	0.00			
	Drinking Water	100.	23	1	0.04	8	0	0.00	9	1	0.11	6	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	117	0	0.00	40	0	0.00	48	0	0.00	29	0	0.00			
	Drinking Water	100.	117	1	0.01	40	0	0.00	48	0	0.00	29	1	0.03			
01090 ZINC, DISSOLVED	Fresh Acute	120.	20	0	0.00	8	0	0.00	6	0	0.00	6	0	0.00			
	Drinking Water	5000.	20	0	0.00	8	0	0.00	6	0	0.00	6	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	116	15	0.13	39	7	0.18	48	5	0.10	29	3	0.10			
	Drinking Water	5000.	116	0	0.00	39	0	0.00	48	0	0.00	29	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00	2	2	1.00				1	1	1.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	8	1.00	8	8	1.00									
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	17	0.68	8	6	0.75	9	5	0.56	8	6	0.75			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	224	101	0.45	80	40	0.50	82	35	0.43	62	26	0.42			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	1000.	8	0	0.00				6	0	0.00	2	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	9	0	0.00				7	0	0.00	2	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	12	0	0.00				10	0	0.00	2	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	10	0	0.00				6	0	0.00	4	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	10	0	0.00				6	0	0.00	4	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	700.	8	0	0.00				6	0	0.00	2	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	9	0	0.00				7	0	0.00	2	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	10	0	0.00				7	0	0.00	3	0	0.00			
	Drinking Water	50.	10	0	0.00				7	0	0.00	3	0	0.00			
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	9	0	0.00				7	0	0.00	2	0	0.00			
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	9	0	0.00				7	0	0.00	2	0	0.00			
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	9	0	0.00				7	0	0.00	2	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	9	0	0.00				7	0	0.00	2	0	0.00			
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	8	0	0.00				6	0	0.00	2	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	8	0	0.00				6	0	0.00	2	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	8	0	0.00				6	0	0.00	2	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	9	0	0.00				7	0	0.00	2	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	11	0	0.00				7	0	0.00	4	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	9	0	0.00				7	0	0.00	2	0	0.00			
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	9	0	0.00				7	0	0.00	2	0	0.00			
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	9	0	0.00				7	0	0.00	2	0	0.00			
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	9	0	0.00				7	0	0.00	2	0	0.00			
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	10	0	0.00				7	0	0.00	3	0	0.00			
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	9	0	0.00				7	0	0.00	2	0	0.00			
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	1.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

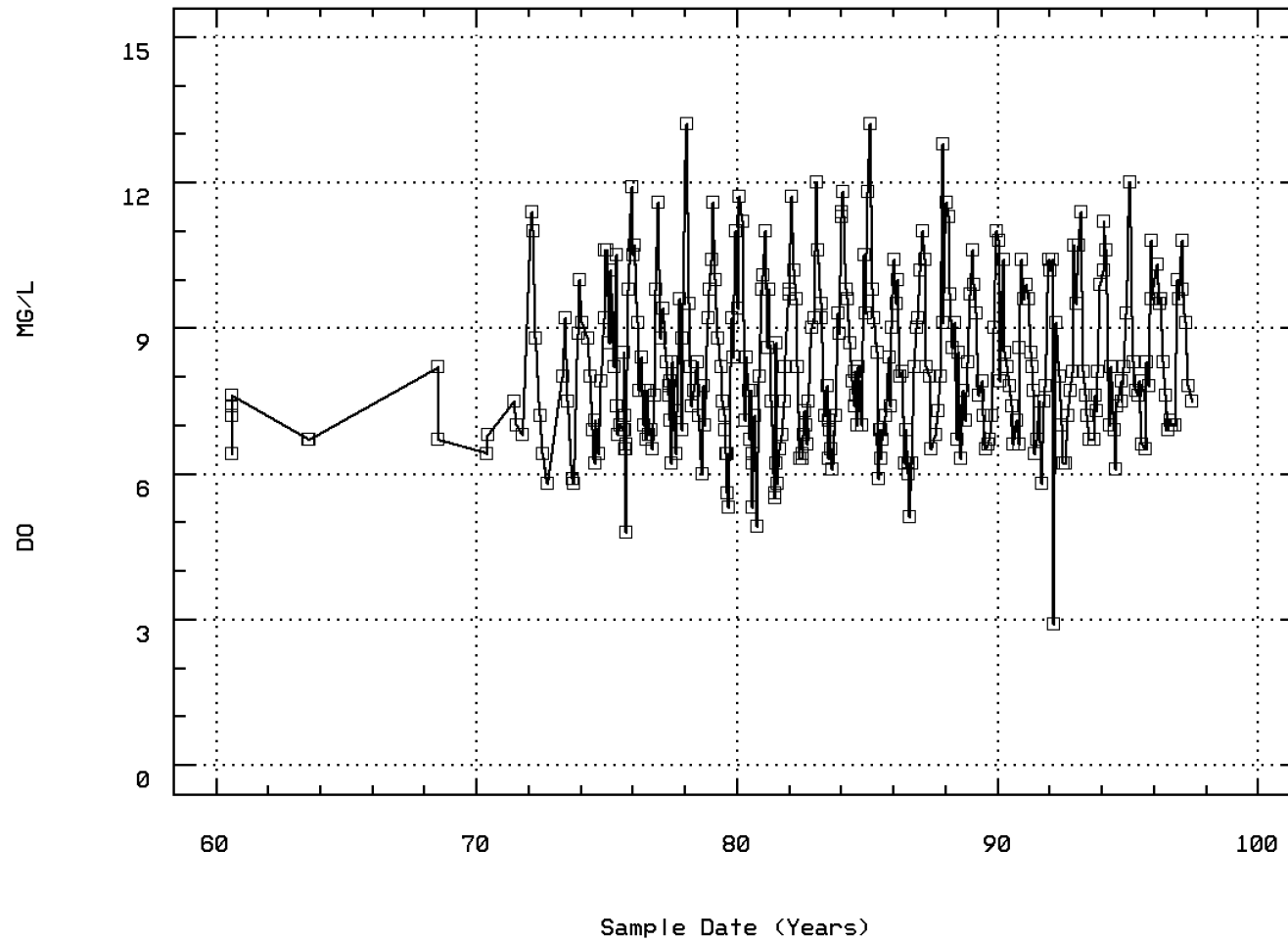
### EPA Water Quality Criteria Analysis for Station: COSW0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	6.	9	0	0.00				7	0	0.00	2	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	8	0	0.00				6	0	0.00	2	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	8	0	0.00				6	0	0.00	2	0	0.00			
	Drinking Water	5.	8	0	0.00				6	0	0.00	2	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	19	0	0.00	3	0	0.00	12	0	0.00	4	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	19	0	0.00	3	0	0.00	12	0	0.00	4	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	19	0	0.00	3	0	0.00	12	0	0.00	4	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	11	0	0.00				7	0	0.00	4	0	0.00			
	Drinking Water	2.	11	0	0.00				7	0	0.00	4	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
	Drinking Water	2.	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	18 &	0	0.00	4	0	0.00	10	0	0.00	4	0	0.00			
	Drinking Water	3.	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
	Drinking Water	0.4	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
	Drinking Water	0.2	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	13	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	13	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	11	0	0.00				7	0	0.00	4	0	0.00			
	Drinking Water	1.	4 &	0	0.00							4	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
	Drinking Water	0.2	20	0	0.00	4	0	0.00	12	0	0.00	4	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	154	3	0.02	54	1	0.02	61	1	0.02	39	1	0.03			
	Drinking Water	2.	154	5	0.03	54	1	0.02	61	2	0.03	39	2	0.05			
77687 2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	10	0	0.00				7	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: COSW0037 Parameter Code: 00300

OXYGEN, DISSOLVED

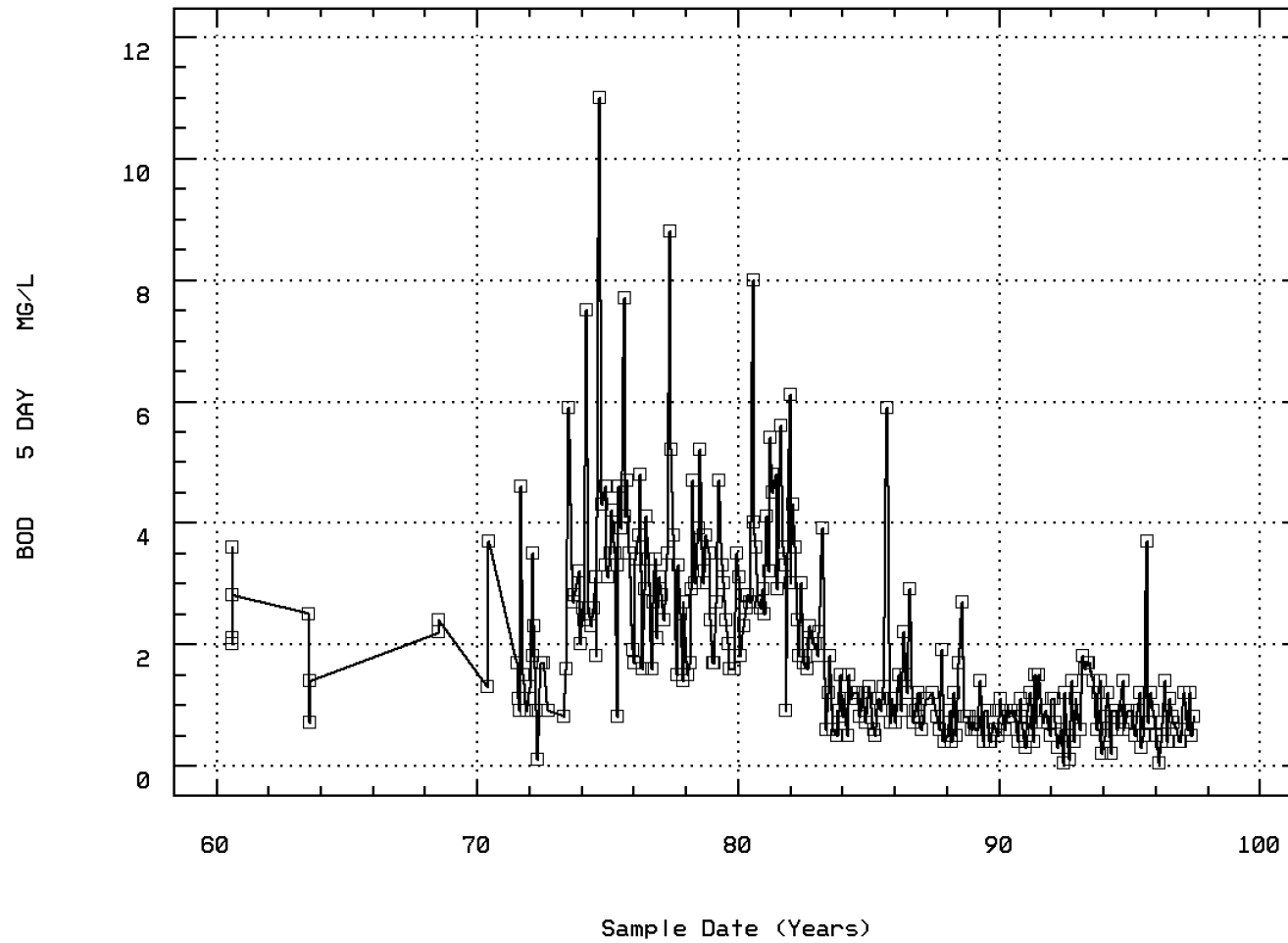


CONGAREE RVR AT US 601



Station: COSW0037 Parameter Code: 00310

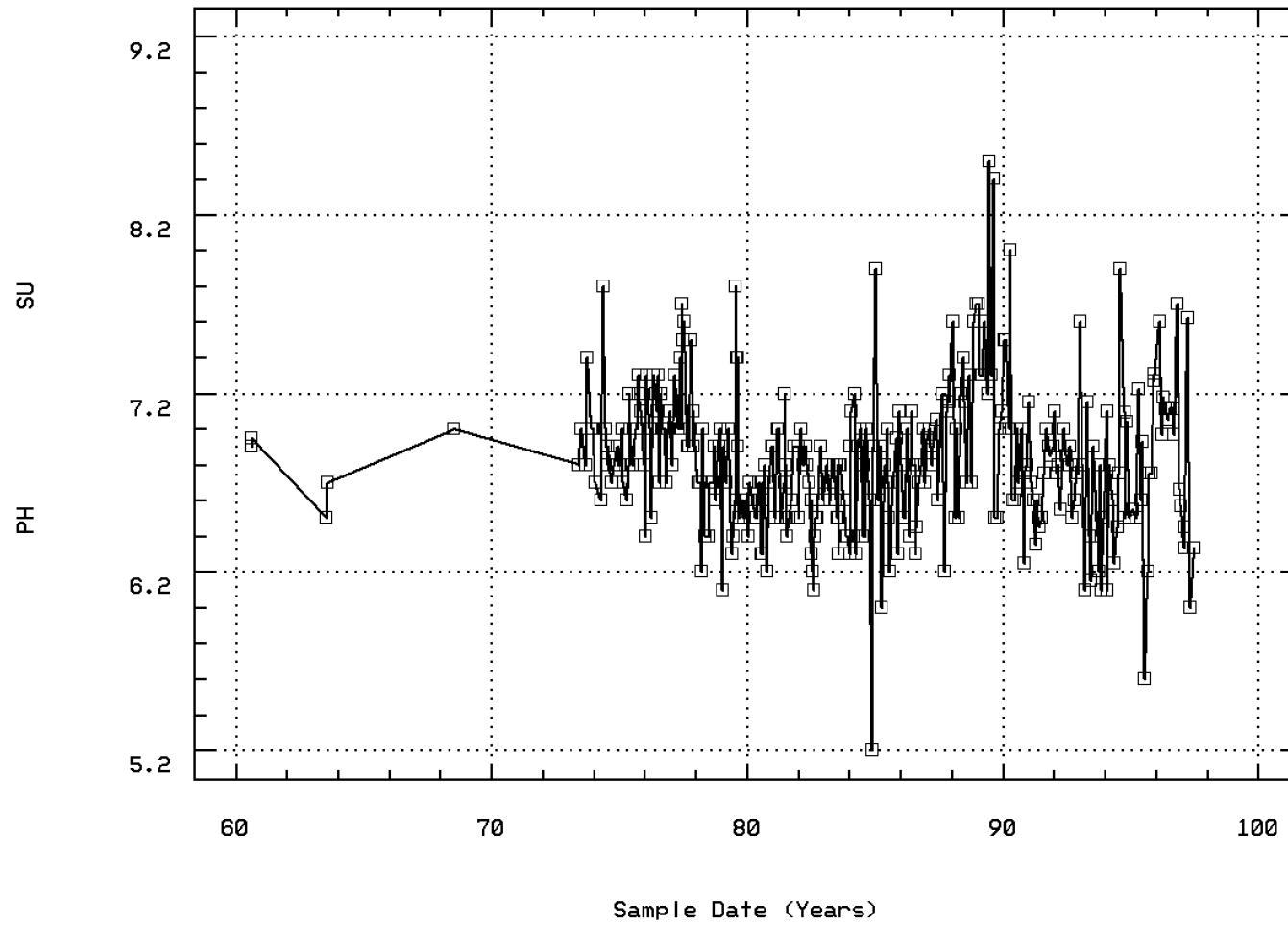
BOD, 5 DAY, 20 DEG C



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00400

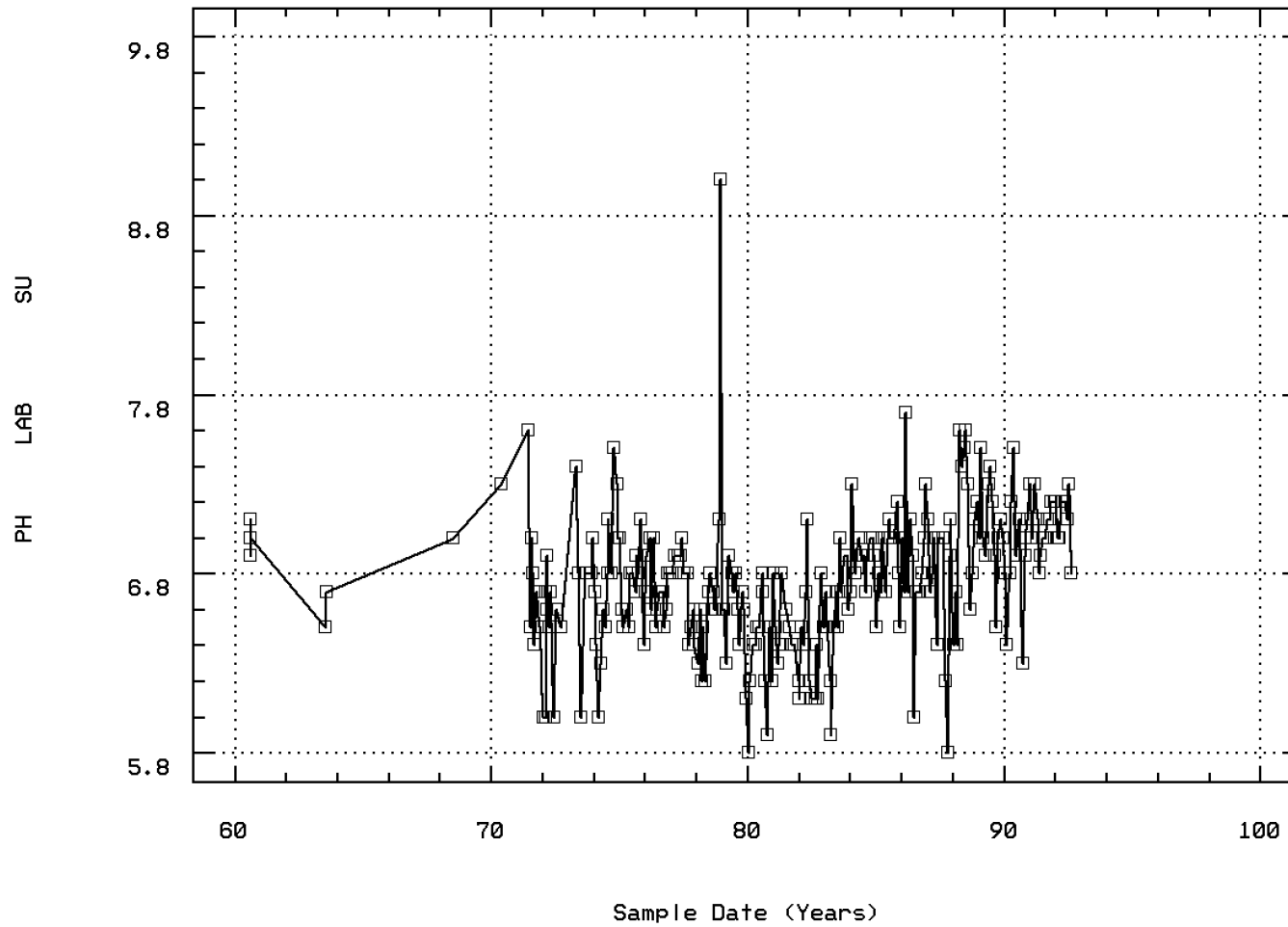
PH (STANDARD UNITS)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00403

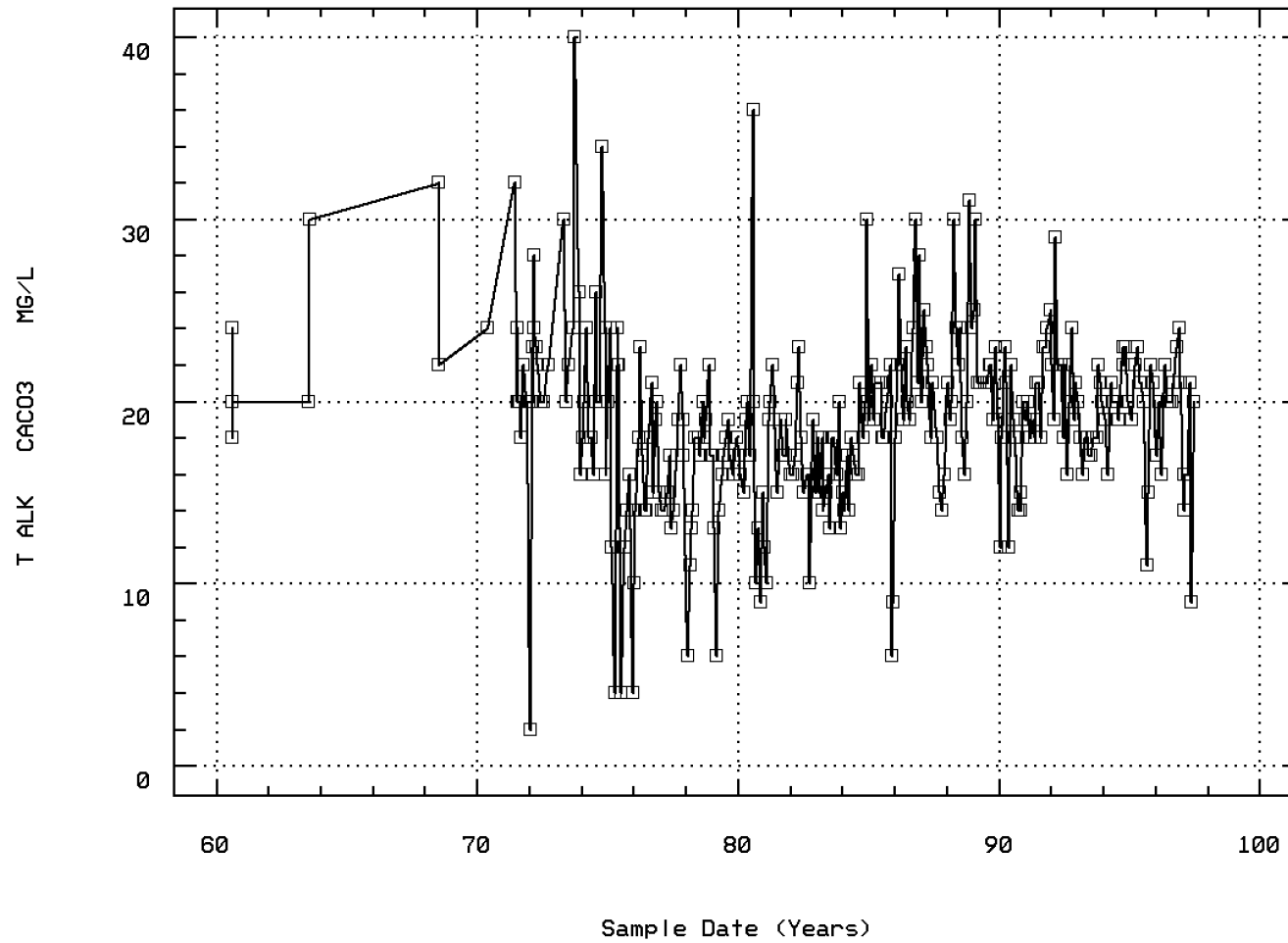
PH, LAB, STANDARD UNITS



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00410

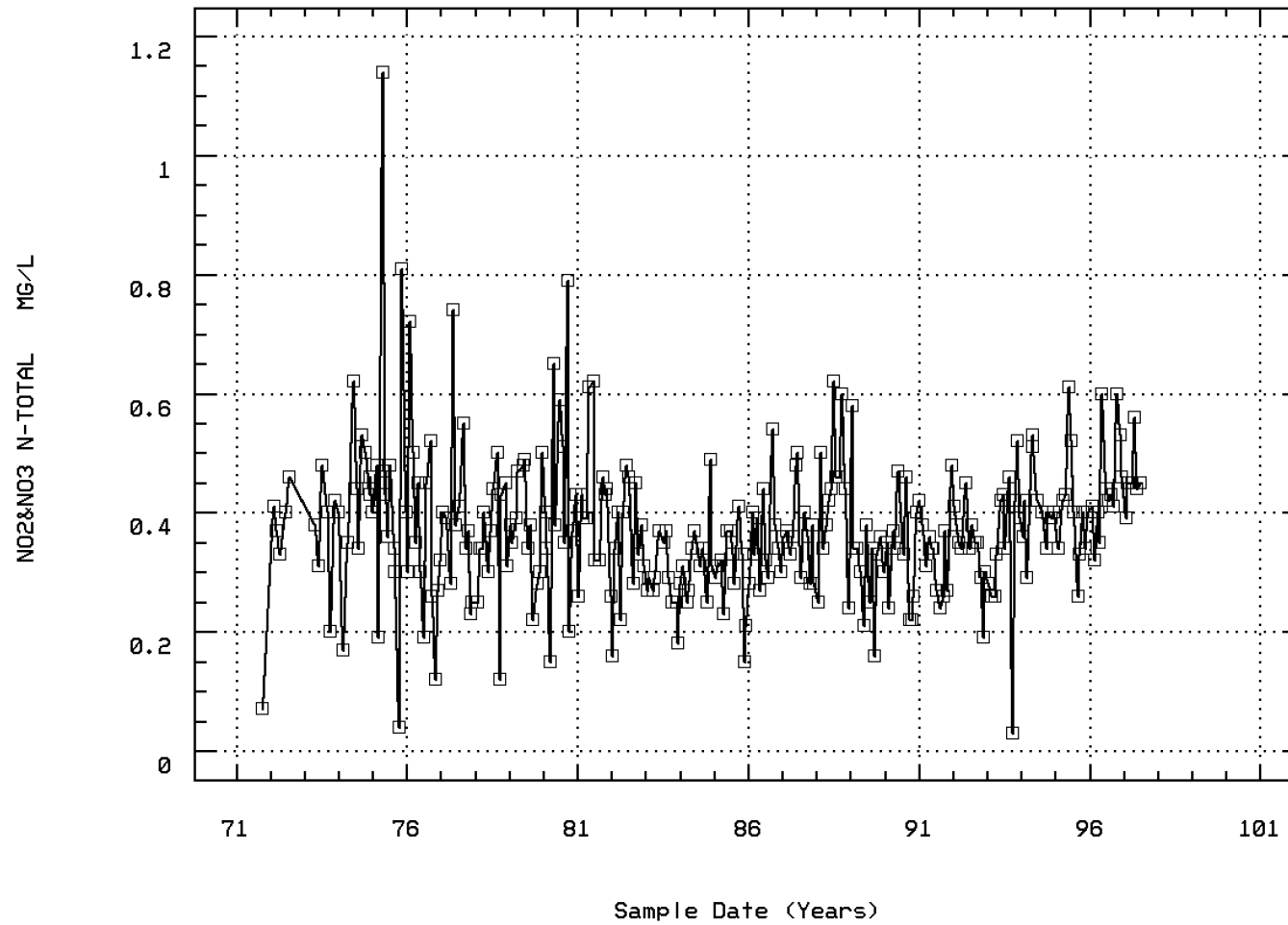
ALKALINITY, TOTAL (MG/L AS CaCO3)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00630

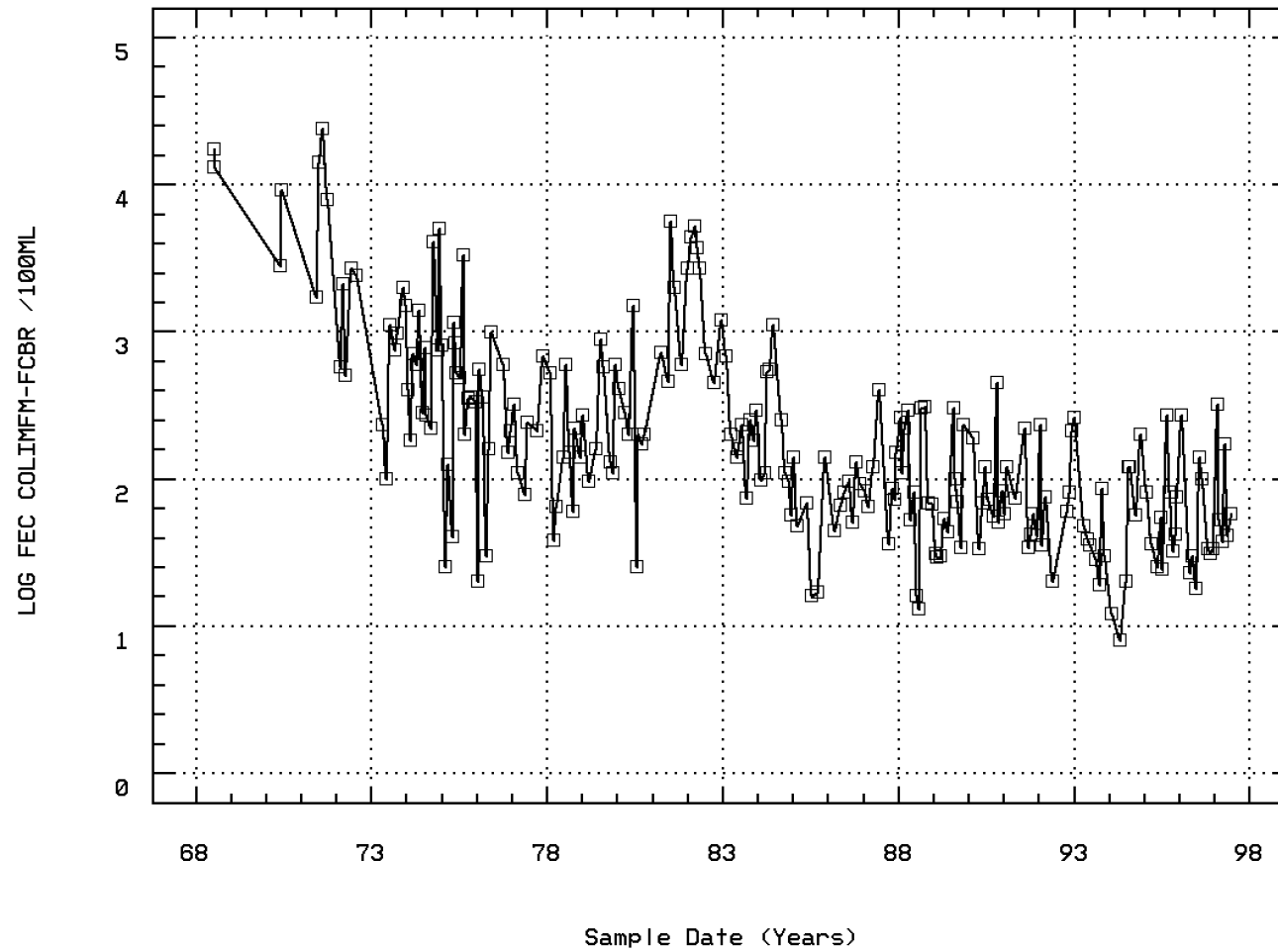
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



CONGAREE RVR AT US 601

### Annual Analysis for 1960 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	8	23.25	23.875	28.	21.	7.482	2.735	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	8	7.3	7.15	7.6	6.4	0.237	0.487	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	8	2.45	2.625	3.6	2.	0.471	0.686	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	4	6.925	6.925	6.95	6.9	0.001	0.029	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	4	6.924	6.924	6.95	6.9	0.001	0.029	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	4	0.119	0.119	0.126	0.112	0.	0.008	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	4	6.95	6.975	7.1	6.9	0.009	0.096	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	4	6.947	6.967	7.1	6.9	0.009	0.096	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	4	0.113	0.108	0.126	0.079	0.001	0.023	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	8	20.	20.75	24.	18.	4.5	2.121	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1963 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	4	24.25	24.25	25.	23.5	0.75	0.866	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	4	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	4	1.95	1.775	2.5	0.7	0.783	0.885	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	2	6.589	6.589	6.7	6.5	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	2	0.258	0.258	0.316	0.2	0.007	0.083	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	2	6.589	6.589	6.7	6.5	0.02	0.142	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	2	0.258	0.258	0.316	0.2	0.007	0.083	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	4	25.	25.	30.	20.	33.333	5.774	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1968 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	4	23.	23.	24.	22.	1.333	1.155	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	4	7.45	7.45	8.2	6.7	0.75	0.866	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	4	2.3	2.3	2.4	2.2	0.013	0.115	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	4	27.	27.	32.	22.	33.333	5.774	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	2	15100.	15100.	17200.	13000.	8820000.	2969.848	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	2	4.175	4.175	4.236	4.114	0.007	0.086	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				14953.261								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	2	6.6	6.6	6.8	6.4	0.08	0.283	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	2	2.5	2.5	3.7	1.3	2.88	1.697	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	2	5980.	5980.	9180.	2780.	20480000.	4525.483	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	2	3.703	3.703	3.963	3.444	0.135	0.367	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			5051.772								

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### Annual Analysis for 1971 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	3	24.	23.667	24.	23.	0.333	0.577	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	3	7.	7.1	7.5	6.8	0.13	0.361	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	8	1.05	1.588	4.6	0.9	1.567	1.252	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	8	6.6	6.75	7.6	6.4	0.157	0.396	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	8	6.589	6.641	7.6	6.4	0.171	0.413	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	8	0.258	0.229	0.398	0.025	0.016	0.128	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	8	20.	22.	32.	18.	19.429	4.408	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	4	10950.	11900.	24000.	1700.	90286666.667	9501.93	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	4	4.022	3.914	4.38	3.23	0.246	0.496	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			8196.035								

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### Annual Analysis for 1972 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	6	20.	18.667	27.5	7.5	64.567	8.035	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	6	8.	8.433	11.4	5.8	5.623	2.371	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	9	1.7	1.578	3.5	0.1	0.934	0.967	0.1	0.9	2.05	3.5
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	10	6.55	6.45	6.9	6.	0.109	0.331	6.	6.	6.7	6.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	10	6.547	6.332	6.9	6.	0.125	0.354	6.	6.	6.7	6.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	10	0.284	0.466	1.	0.126	0.139	0.373	0.133	0.2	1.	1.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	10	22.	20.4	28.	2.	47.6	6.899	3.8	20.	23.25	27.6
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	5	0.4	0.394	0.46	0.33	0.002	0.048	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	5	2100.	1654.	2700.	500.	1089080.	1043.59	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	5	3.322	3.118	3.431	2.699	0.129	0.359	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1311.378								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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### Annual Analysis for 1973 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	7	23.	21.286	29.	11.	40.238	6.343	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	7	8.	7.9	10.	5.8	2.613	1.617	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	7	2.7	2.714	5.9	0.8	2.635	1.623	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	6	7.	7.	7.4	6.8	0.048	0.219	**	**	**	**

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### Annual Analysis for 1973 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	6	7.	6.961	7.4	6.8	0.05	0.223	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	6	0.1	0.109	0.158	0.04	0.002	0.045	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	7	6.8	6.8	7.4	6.	0.173	0.416	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	7	6.8	6.596	7.4	6.	0.222	0.471	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	7	0.158	0.253	1.	0.04	0.11	0.332	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	7	24.	25.429	40.	16.	60.952	7.807	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	7	0.4	0.37	0.48	0.2	0.008	0.09	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	980.	952.857	2000.	100.	452057.143	672.352	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	2.991	2.821	3.301	2.	0.221	0.47	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			662.97								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	5 ##	0.25	0.32	0.6	0.25	0.025	0.157	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	7	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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### Annual Analysis for 1974 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	11	22.	19.227	27.	8.	41.468	6.44	8.6	11.	24.5	26.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	4	5400.	5400.	5600.	5200.	53333.333	230.94	**	**	**	**
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	10	53.	72.9	210.	11.	4017.878	63.387	11.6	22.25	121.5	201.6
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	11	8.	8.018	10.6	6.2	1.788	1.337	6.24	6.9	9.1	10.32
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	2.85	4.008	11.	1.8	7.197	2.683	1.95	2.45	4.525	9.95
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	11	6.8	6.982	7.8	6.6	0.176	0.419	6.62	6.7	7.	7.8
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	11	6.8	6.863	7.8	6.6	0.191	0.437	6.62	6.7	7.	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	11	0.158	0.137	0.251	0.016	0.005	0.073	0.016	0.1	0.2	0.241
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.75	6.75	7.5	6.	0.185	0.43	6.09	6.425	7.075	7.44
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.747	6.568	7.5	6.	0.221	0.47	6.09	6.425	7.075	7.44
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.179	0.27	1.	0.032	0.073	0.271	0.037	0.085	0.378	0.85
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	20.	21.167	34.	16.	26.515	5.149	16.	18.	24.	31.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	2	0.48	0.48	0.69	0.27	0.088	0.297	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	9	0.44	0.427	0.62	0.17	0.017	0.129	0.17	0.345	0.515	0.62
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	2	10.45	10.45	12.4	8.5	7.605	2.758	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	12	650.	1218.333	5000.	180.	2534778.788	1592.099	192.	272.5	1245.	4712.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	12	2.812	2.827	3.699	2.255	0.217	0.466	2.281	2.435	3.083	3.671
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			670.935								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	9	0.4	0.949	4.1	0.04	1.691	1.3	0.04	0.2	1.45	4.1
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	18	20.75	19.889	26.	8.	30.781	5.548	8.9	17.75	24.25	25.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	12	12500.	13433.333	18600.	11000.	6769696.97	2601.864	11000.	12000.	14000.	18600.
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	11	30.	49.909	150.	15.	1990.691	44.617	16.	20.	65.	144.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	19	7.2	7.979	11.9	4.8	3.422	1.85	6.5	6.6	9.8	10.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	13	3.5	3.754	7.7	0.8	2.543	1.595	1.24	3.2	4.4	6.5
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	17	7.	6.959	7.3	6.6	0.035	0.187	6.68	6.8	7.05	7.22
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	17	7.	6.921	7.3	6.6	0.037	0.191	6.68	6.8	7.05	7.22
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	17	0.1	0.12	0.251	0.05	0.003	0.053	0.061	0.09	0.158	0.21
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	2	80.	80.	85.	75.	50.	7.071	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	13	6.7	6.708	7.1	6.4	0.046	0.214	6.44	6.5	6.85	7.06
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	13	6.7	6.662	7.1	6.4	0.048	0.219	6.44	6.5	6.85	7.06
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	13	0.2	0.218	0.398	0.079	0.01	0.098	0.088	0.142	0.316	0.365
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	13	14.	14.615	24.	4.	56.256	7.5	4.	8.	22.	24.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	5	0.07	0.081	0.17	0.01	0.004	0.059	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	7	0.63	0.816	1.8	0.38	0.25	0.5	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	13	0.4	0.449	1.14	0.04	0.074	0.273	0.1	0.32	0.48	1.008
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	5 ##	0.055	0.061	0.1	0.025	0.001	0.038	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	8	8.8	10.013	27.1	3.	60.087	7.752	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	13	360.	653.846	3300.	25.	740044.474	860.258	31.	162.	814.5	2436.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	13	2.556	2.524	3.519	1.398	0.332	0.577	1.48	2.197	2.911	3.334
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			334.043								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	13	0.6	0.923	2.3	0.25	0.455	0.674	0.25	0.45	1.4	2.18
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	19	0.3	0.505	3.	0.3	0.441	0.664	0.3	0.3	0.3	1.5

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### Annual Analysis for 1976 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	20.	18.6	29.	52.543	7.249	6.2	13.	25.	27.2	
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	3	6700.	8433.333	14000.	4600.	2434333.333	4933.896	**	**	**	
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	13	25.	24.9	45.	8.7	142.38	11.932	9.62	14.5	36.	43.4
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	7.7	8.313	11.6	6.5	2.69	1.64	6.62	6.9	9.8	11.06
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	13	3.1	2.969	4.8	1.6	1.007	1.004	1.6	1.9	3.6	4.52
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	7.	6.987	7.3	6.4	0.083	0.288	6.46	6.7	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	7.	6.886	7.3	6.4	0.093	0.306	6.46	6.7	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.1	0.13	0.398	0.05	0.011	0.105	0.05	0.063	0.2	0.349
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	13	6.7	6.723	7.	6.5	0.029	0.169	6.5	6.6	6.85	7.
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	13	6.7	6.694	7.	6.5	0.029	0.172	6.5	6.6	6.85	7.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	13	0.2	0.202	0.316	0.1	0.005	0.073	0.1	0.142	0.251	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	13	17.	16.769	23.	10.	12.526	3.539	11.6	14.	19.5	22.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	13	0.08	0.098	0.21	0.03	0.003	0.057	0.034	0.05	0.15	0.198
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	13	0.65	0.715	2.	0.4	0.169	0.411	0.404	0.485	0.75	1.536
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	13	0.32	0.365	0.72	0.12	0.025	0.159	0.148	0.265	0.475	0.64
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	6	0.065	0.069	0.14	0.025	0.002	0.04	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	13	8.4	9.015	23.2	3.1	34.066	5.837	3.5	4.3	11.95	20.24
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	10	185.	308.	990.	10.	101906.667	319.228	11.	27.5	562.5	951.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	10	2.263	2.155	2.996	1.	0.461	0.679	1.03	1.433	2.75	2.974
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.923								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	8 ##	0.25	0.744	3.	0.25	0.94	0.969	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1977 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	14	21.5	20.214	29.	4.	47.258	6.874	8.5	15.75	25.25	28.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	11	35.	32.	55.	13.	176.4	13.282	13.4	21.	40.	53.6
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	14	7.85	7.886	9.6	6.2	1.101	1.049	6.3	7.05	8.8	9.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	11	2.8	3.445	8.8	1.4	4.283	2.069	1.42	2.4	3.8	8.08
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	4	15.	16.25	23.	12.	22.25	4.717	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	14	7.05	7.186	7.7	6.8	0.092	0.303	6.85	6.9	7.5	7.65
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	14	7.047	7.099	7.7	6.8	0.1	0.316	6.85	6.9	7.5	7.65

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### Annual Analysis for 1977 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	14	0.09	0.08	0.158	0.02	0.002	0.046	0.023	0.032	0.126	0.142
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	5	60.	72.2	100.	60.	324.2	18.006	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	11	6.8	6.727	7.	6.4	0.046	0.215	6.4	6.5	6.9	6.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	11	6.8	6.677	7.	6.4	0.049	0.221	6.4	6.5	6.9	6.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	11	0.158	0.211	0.398	0.1	0.013	0.112	0.105	0.126	0.316	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	17.	16.455	22.	13.	7.673	2.77	13.2	14.	19.	21.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	2	18.5	18.5	29.	8.	220.5	14.849	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	10	0.11	0.124	0.2	0.08	0.002	0.041	0.081	0.098	0.153	0.199
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	10	0.68	0.884	2.33	0.45	0.341	0.584	0.452	0.493	1.073	2.238
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	11	0.38	0.395	0.74	0.23	0.021	0.144	0.234	0.28	0.41	0.702
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	10	0.075	0.137	0.47	0.015	0.023	0.15	0.016	0.051	0.213	0.457
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	6	4.5	4.9	7.6	3.2	2.88	1.697	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	2	2255.	2255.	4000.	510.	6090050.	2467.803	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	2	170.	170.	290.	50.	28800.	169.706	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	225.	273.	680.	78.	47502.	217.95	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	2.351	2.329	2.833	1.892	0.112	0.335	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			213.27								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	5 ##	0.1	0.15	0.25	0.1	0.005	0.071	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	14	0.3	0.429	0.9	0.3	0.065	0.255	0.3	0.3	0.45	0.9

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### Annual Analysis for 1978 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	18.	17.5	27.	5.	55.364	7.441	5.6	10.75	23.5	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	5	6600.	8724.	14000.	5500.	13194880.	3632.476	**	**	**	**
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	28.	34.242	79.	6.	542.13	23.284	6.81	11.9	56.75	73.3
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	8.	8.442	13.2	6.	3.444	1.856	6.3	7.25	9.425	12.18
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	3.1	3.233	5.2	1.5	1.193	1.092	1.56	2.525	3.875	5.05
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	15.5	15.2	23.	8.4	14.916	3.862	8.88	13.25	17.	21.8
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.7	6.683	7.	6.2	0.063	0.252	6.26	6.45	6.9	7.
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.7	6.613	7.	6.2	0.069	0.262	6.26	6.45	6.9	7.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.2	0.244	0.631	0.1	0.025	0.158	0.1	0.126	0.361	0.561
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	12	65.	63.25	80.	49.	131.295	11.458	49.3	50.	73.75	78.5
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.6	6.775	9.	6.2	0.557	0.746	6.2	6.35	6.775	8.43
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.6	6.539	9.	6.2	0.617	0.786	6.2	6.35	6.775	8.43
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.251	0.289	0.631	0.001	0.04	0.201	0.025	0.169	0.455	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	17.5	16.083	22.	6.	19.356	4.4	7.5	13.25	18.75	21.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	22.	52.333	230.	8.	5104.061	71.443	10.1	15.	47.25	212.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.065	0.065	0.11	0.025	0.001	0.029	0.025	0.035	0.087	0.107
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.435	0.505	0.98	0.25	0.061	0.246	0.25	0.273	0.71	0.932
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.355	0.354	0.5	0.12	0.011	0.103	0.159	0.303	0.438	0.485
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.07	0.083	0.2	0.04	0.002	0.043	0.043	0.06	0.1	0.173
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	4.7	5.317	13.	1.8	11.414	3.378	2.01	2.5	7.8	11.59
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	900.	975.	1400.	700.	95833.333	309.57	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	95.	112.5	190.	70.	2825.	53.151	**	**	**	**

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### Annual Analysis for 1978 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067 NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	75.	75.	100.	50.	833.333	28.868	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	9	140.	214.778	600.	38.	41825.444	204.513	38.	62.5	370.	600.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	9	2.146	2.164	2.778	1.58	0.166	0.407	1.58	1.796	2.529	2.778
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			145.873								
71900 MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1979 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	18.	17.433	28.	5.	62.96	7.935	5.6	10.	25.	27.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	3	13500.	11933.333	14100.	8200.	10543333.333	3247.05	**	**	**	**
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	18.5	20.5	45.	7.3	142.005	11.917	7.69	9.025	27.	42.3
00300p OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	8.2	8.193	11.6	5.3	3.836	1.959	5.48	6.4	10.	11.24
00310p BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	2.2	2.433	4.7	1.	1.102	1.05	1.18	1.625	3.225	4.34
00335 COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	13.	11.783	17.	3.	23.836	4.882	3.42	8.25	16.	17.
00400p PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.78	7.8	6.1	0.213	0.462	6.22	6.5	7.	7.56
00400p CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.605	7.8	6.1	0.246	0.496	6.22	6.5	7.	7.56
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.251	0.248	0.794	0.016	0.042	0.205	0.03	0.1	0.316	0.618
00402p SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	15	55.	59.2	78.	40.	104.6	10.227	46.	55.	70.	76.2
00403p PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.6	6.592	6.9	6.1	0.052	0.227	6.16	6.45	6.775	6.87
00403p CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.6	6.53	6.9	6.1	0.056	0.236	6.16	6.45	6.775	6.87
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.251	0.295	0.794	0.126	0.036	0.189	0.136	0.169	0.361	0.706
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	17.	15.667	19.	6.	12.061	3.473	8.1	14.5	17.75	18.7
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	22.	25.	52.	6.	228.6	15.12	7.	13.	33.	51.
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12 ##	0.05	0.198	1.7	0.025	0.226	0.475	0.025	0.025	0.108	1.241
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	7	0.72	0.993	3.6	0.15	1.377	1.174	**	**	**	**
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.38	0.382	0.5	0.22	0.008	0.09	0.238	0.31	0.478	0.497
00665p PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.075	0.068	0.09	0.03	0.	0.019	0.036	0.053	0.08	0.09
00680p CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	10	4.3	4.04	8.	0.5	6.48	2.546	0.5	2.	6.2	7.88
01027 CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	12 ##	25.	28.75	70.	25.	168.75	12.99	25.	25.	25.	56.5
01042 COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01045 IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	12	750.	1091.667	2000.	500.	362651.515	602.206	530.	600.	1775.	2000.
01051 LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	12 ##	25.	41.25	110.	25.	650.568	25.506	25.	25.	50.	95.
01055 MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	12	70.	86.25	330.	25.	6132.386	78.31	32.5	60.	70.	258.
01067 NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092 ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	12	100.	112.5	200.	50.	3238.636	56.909	50.	62.5	175.	200.
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	215.	350.75	880.	96.	85701.643	292.748	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	2.318	2.406	2.944	1.982	0.141	0.375	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			254.412								
71900 MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	12 ##	0.1	0.15	0.3	0.1	0.005	0.067	0.1	0.1	0.2	0.27
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	15	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1980 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	21.	19.4	30.	4.	64.686	8.043	5.8	14.	26.	28.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	19.	18.333	31.	5.	102.788	10.138	5.	8.	27.75	31.

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### Annual Analysis for 1980 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	11	8280.	10292.727	18700.	2220.	33266821.818	5767.74	2724.	5500.	15300.	18440.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	13.5	21.733	60.	1.4	342.408	18.504	2.99	8.775	34.75	57.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	7.7	7.847	11.7	4.9	3.926	1.981	5.14	6.4	9.4	11.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	2.75	3.258	8.	1.8	2.55	1.597	1.95	2.6	3.475	6.8
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	10	18.5	18.3	51.	2.5	175.956	13.265	2.5	12.625	19.25	47.9
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.567	6.9	6.2	0.04	0.199	6.26	6.4	6.7	6.84
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.523	6.9	6.2	0.042	0.204	6.26	6.4	6.7	6.84
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.251	0.3	0.631	0.126	0.021	0.146	0.145	0.2	0.398	0.553
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	10	57.5	59.5	80.	50.	108.056	10.395	50.	50.	63.75	79.5
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.4	6.342	6.8	5.8	0.088	0.297	5.83	6.2	6.5	6.77
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.4	6.244	6.8	5.8	0.098	0.314	5.83	6.2	6.5	6.77
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.398	0.57	1.585	0.158	0.189	0.434	0.171	0.316	0.631	1.487
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	16.5	17.25	36.	9.	47.295	6.877	9.3	13.5	19.75	31.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	9.5	13.417	29.	3.	71.356	8.447	3.3	8.	19.5	28.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.15	0.13	0.2	0.05	0.003	0.052	0.056	0.073	0.178	0.194
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	9	0.8	0.71	2.1	0.05	0.429	0.655	0.05	0.15	1.015	2.1
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.39	0.43	0.79	0.15	0.033	0.182	0.165	0.343	0.57	0.748
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.08	0.075	0.1	0.04	0.	0.018	0.043	0.063	0.087	0.1
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	5.15	5.25	9.	2.8	3.772	1.942	2.8	3.7	6.775	8.49
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	12	1050.	1408.333	3000.	600.	689924.242	830.617	630.	900.	1850.	3000.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	12	55.	51.25	80.	25.	323.295	17.98	25.	31.25	60.	77.
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	11	80.	106.818	420.	25.	11341.364	106.496	32.	70.	100.	360.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	12	150.	470.833	4000.	50.	1243390.152	1115.074	50.	62.5	275.	2890.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	200.	373.125	1500.	25.	218892.411	467.859	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	2.301	2.346	3.176	1.398	0.241	0.491	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			221.788								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	12	0.2	0.467	3.4	0.1	0.873	0.935	0.1	0.1	0.275	2.56
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	8	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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### Annual Analysis for 1981 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	21.	18.933	29.	7.	59.281	7.699	7.6	12.	26.5	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	18.5	17.833	34.	2.	104.879	10.241	2.	10.25	24.5	33.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	9	4770.	5730.	10400.	2660.	10965175.	3311.371	2660.	2805.	9750.	10400.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	10	12.5	14.16	47.	0.6	158.398	12.586	1.14	6.9	15.5	44.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	7.5	7.833	11.	5.5	3.164	1.779	5.56	6.2	9.7	10.46
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	3.85	3.908	6.1	0.9	2.19	1.48	1.38	2.975	5.25	5.95
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	11.	12.575	26.	5.	39.335	6.272	5.24	8.575	18.	24.2
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.8	6.753	7.2	6.4	0.058	0.242	6.46	6.5	6.9	7.08
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.8	6.693	7.2	6.4	0.062	0.249	6.46	6.5	6.9	7.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.158	0.203	0.398	0.063	0.011	0.106	0.085	0.126	0.316	0.349
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	13	80.	73.846	85.	50.	150.641	12.274	50.	67.5	80.	85.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	11	6.4	6.482	6.8	6.2	0.036	0.189	6.22	6.4	6.6	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	11	6.4	6.448	6.8	6.2	0.037	0.192	6.22	6.4	6.6	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	11	0.398	0.357	0.631	0.158	0.02	0.14	0.158	0.251	0.398	0.605
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	17.	16.909	22.	10.	12.491	3.534	10.4	15.	19.	21.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	16.	21.182	62.	8.	283.364	16.833	8.2	10.	25.	58.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.615	0.944	2.7	0.09	0.843	0.918	0.111	0.23	1.75	2.61
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	1.46	2.563	6.4	0.86	4.058	2.014	0.86	1.195	4.375	6.16
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.41	0.411	0.62	0.26	0.014	0.117	0.26	0.32	0.455	0.617

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### Annual Analysis for 1981 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.18	0.283	0.92	0.05	0.072	0.269	0.068	0.13	0.26	0.872
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	4.45	6.133	20.	1.9	26.395	5.138	1.99	2.35	8.275	17.09
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	12 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	12 ##	25.	27.083	50.	25.	52.083	7.217	25.	25.	25.	42.5
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	12	950.	1250.	3000.	500.	533636.364	730.504	560.	725.	1800.	2700.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	12 ##	37.5	39.167	60.	25.	231.061	15.201	25.	25.	50.	60.
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	12	90.	95.417	200.	25.	1742.992	41.749	38.5	80.	112.5	179.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	12 ##	25.	27.083	50.	25.	52.083	7.217	25.	25.	25.	42.5
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	12	85.	167.083	1100.	25.	87420.265	295.669	32.5	55.	125.	812.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	1360.	2013.333	5600.	460.	3883786.667	1970.733	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	3.079	3.13	3.748	2.663	0.184	0.429	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1348.354								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	12	0.2	0.308	1.4	0.1	0.126	0.355	0.1	0.125	0.3	1.1
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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### Annual Analysis for 1982 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	20	19.247	28	5	52.441	7.242	8	13	26.2	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	20.5	18.875	30	0	86.369	9.294	1.65	13.75	25.5	30
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	11	8890	8930	17400	3140	19239420	4386.276	3250	4930	10600	16840
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	16.5	19	50	6	162.545	12.749	6	8.5	25.25	44.6
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	7.5	8.127	11.7	6.3	2.861	1.691	6.3	6.6	9.6	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	2.15	2.475	4.3	1.6	0.698	0.836	1.63	1.85	3	4.09
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	6.1	9.008	21	2.5	45.144	6.719	2.5	3.125	16	20.4
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.587	7	6.1	0.071	0.267	6.16	6.4	6.8	6.94
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.509	7	6.1	0.078	0.279	6.16	6.4	6.8	6.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.251	0.31	0.794	0.1	0.04	0.2	0.116	0.158	0.398	0.696
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	14	67.5	64.357	90	45	161.94	12.726	45	53.75	72	82.5
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.4	6.417	7.1	6.1	0.105	0.324	6.1	6.1	6.65	7.01
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.4	6.325	7.1	6.1	0.114	0.338	6.1	6.1	6.65	7.01
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.398	0.473	0.794	0.079	0.075	0.274	0.103	0.229	0.794	0.794
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	16	16.833	23	10	10.697	3.271	11.5	15.25	18.75	22.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	16	20	35	6	102.727	10.135	7.5	12	31.5	34.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.255	0.391	1.4	0.08	0.152	0.39	0.086	0.113	0.58	1.217
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.96	3.926	32	0.4	81.75	9.042	0.409	0.52	1.155	24.59
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.36	0.351	0.48	0.16	0.01	0.098	0.178	0.288	0.438	0.474
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.22	0.592	4.4	0.12	1.445	1.202	0.138	0.185	0.355	3.2
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	3.55	4.3	13.5	1.8	9.229	3.038	1.98	2.85	4.4	10.98
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	12 ##	5	5	5	5	0	0	5	5	5	5
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	12 ##	25	25	25	25	0	0	25	25	25	25
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	12 ##	25	25	25	25	0	0	25	25	25	25
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	12	1400	1475	3000	600	447500	668.954	630	1000	1975	2700
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	12 ##	25	35.833	130	25	931.061	30.513	25	25	25	106
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	12	95	109.167	330	50	5353.788	73.17	53	72.5	110	270
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	12 ##	25	25	25	25	0	0	25	25	25	25
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	12 ##	42.5	47.5	80	25	588.636	24.262	25	25	70	80
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	7	2700	2621.429	5200	450	3568214.286	1888.972	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	7	3.431	3.277	3.716	2.653	0.175	0.418	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1890.796								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	12	0.2	0.267	0.5	0.1	0.022	0.15	0.1	0.125	0.4	0.5
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	3	0.3	0.3	0.3	0.3	0	0	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	19.5	19.033	28.	8.	53.017	7.281	8.6	11.5	26.	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	18.25	17.333	29.	0.5	85.197	9.23	1.85	9.	25.5	28.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	12	10610.	12305.833	25500.	2000.	57638299.242	7591.989	2876.	5797.5	17800.	24930.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	15.5	21.292	51.	6.5	233.748	15.289	7.55	10.	29.25	50.7
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	7.2	8.12	12.	6.1	2.962	1.721	6.22	6.9	9.3	11.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	1.1	1.417	3.9	0.5	0.902	0.949	0.53	0.675	1.8	3.39
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	11	7.4	14.709	99.	2.5	797.985	28.249	2.5	2.5	8.4	82.4
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.62	6.8	6.3	0.029	0.17	6.36	6.5	6.8	6.8
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.6	6.588	6.8	6.3	0.03	0.173	6.36	6.5	6.8	6.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.251	0.258	0.501	0.158	0.012	0.107	0.158	0.158	0.316	0.439
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	14	67.5	73.714	200.	40.	1600.681	40.009	42.5	45.	80.	150.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.65	6.592	7.	5.9	0.095	0.309	5.99	6.5	6.85	6.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.647	6.473	7.	5.9	0.111	0.333	5.99	6.5	6.85	6.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.225	0.337	1.259	0.1	0.104	0.323	0.108	0.144	0.316	1.071
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	16.	16.167	20.	13.	5.061	2.25	13.	14.25	18.	19.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	23.	35.727	140.	16.	1260.218	35.5	16.6	19.	34.	120.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	11	0.07	0.229	1.	0.025	0.09	0.301	0.03	0.05	0.4	0.9
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	11	0.4	0.55	1.2	0.3	0.103	0.321	0.3	0.32	0.92	1.156
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	11	0.29	0.289	0.37	0.18	0.003	0.057	0.194	0.25	0.35	0.37
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	11	0.1	0.102	0.18	0.025	0.002	0.042	0.034	0.07	0.11	0.176
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	3.5	3.964	7.8	1.3	4.589	2.142	1.38	2.2	6.6	7.56
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	7 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	7 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	7	1500.	1714.286	4000.	900.	1091428.571	1044.715	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	7 ##	25.	28.571	50.	25.	89.286	9.449	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	7	80.	95.714	160.	50.	2095.238	45.774	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	7 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	7 ##	25.	40.	130.	25.	1575.	39.686	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	200.	244.889	680.	74.	30655.111	175.086	74.	150.	270.	680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	2.301	2.314	2.833	1.869	0.068	0.26	1.869	2.175	2.43	2.833
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			206.293								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	7 ##	0.1	0.129	0.2	0.1	0.002	0.049	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	15	19.	16.84	24.	7.3	39.2	6.261	7.72	10.5	22.3	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	11	22.	21.909	34.	10.	43.491	6.595	11.	16.	26.	32.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	12	13300.	11363.333	18600.	2500.	27999478.788	5291.453	2998.	5635.	15400.	17970.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	13.5	14.342	32.	3.9	72.284	8.502	4.23	6.1	20.	29.6
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	15	8.7	9.04	11.8	7.	2.677	1.636	7.	7.6	10.5	11.56
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	1.1	1.025	1.5	0.5	0.077	0.277	0.56	0.8	1.2	1.41
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12 ##	2.5	5.	13.	2.5	17.091	4.134	2.5	2.5	8.75	12.7
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.9	6.66	7.2	5.2	0.25	0.5	5.86	6.4	7.	7.14
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	15	6.9	6.205	7.2	5.2	0.472	0.687	5.86	6.4	7.	7.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	15	0.126	0.624	6.31	0.063	2.498	1.58	0.073	0.1	0.398	2.825
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	15	60.	58.867	70.	45.	78.552	8.863	46.8	50.	70.	70.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.9	6.917	7.3	6.7	0.025	0.159	6.7	6.825	7.	7.21
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.9	6.892	7.3	6.7	0.026	0.161	6.7	6.825	7.	7.21
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.126	0.128	0.2	0.05	0.002	0.042	0.065	0.1	0.15	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	17.	18.	30.	14.	18.909	4.348	14.	15.25	19.5	27.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	9	25.	25.222	58.	6.	215.944	14.695	6.	15.5	28.5	58.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.06	0.108	0.41	0.025	0.013	0.114	0.025	0.025	0.178	0.347

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### Annual Analysis for 1984 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.445	0.483	0.86	0.24	0.026	0.162	0.27	0.385	0.555	0.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.31	0.322	0.49	0.25	0.004	0.065	0.25	0.273	0.34	0.454
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.1	0.098	0.14	0.05	0.001	0.027	0.056	0.08	0.11	0.14
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	3.15	3.483	7.2	1.7	2.169	1.473	1.76	2.6	4.3	6.39
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	1150.	1150.	1600.	700.	176666.667	420.317	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	65.	61.25	90.	25.	872.917	29.545	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	9	110.	322.222	1100.	56.	120951.444	347.781	56.	97.	540.	1100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	9	2.041	2.301	3.041	1.748	0.196	0.443	1.748	1.987	2.732	3.041
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			199.958								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	15	0.3	0.313	0.5	0.3	0.003	0.052	0.3	0.3	0.3	0.38

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### Annual Analysis for 1985 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	14	19.	19.036	30.	5.	68.287	8.264	6.75	11.625	27.125	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	20.	18.875	29.5	10.	49.506	7.036	10.	10.375	25.25	28.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	11	4480.	7319.091	21700.	2350.	44020589.091	6634.801	2350.	2580.	10000.	20840.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	4.95	5.675	9.8	2.5	6.931	2.633	2.59	3.3	8.5	9.71
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	14	7.9	8.371	13.2	5.9	4.465	2.113	6.1	6.85	9.35	12.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	11	1.1	1.409	5.9	0.5	2.289	1.513	0.52	0.7	1.3	4.98
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	11	6.	10.5	22.	2.5	64.8	8.05	2.5	2.5	19.	22.
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	14	6.7	6.739	7.9	6.	0.21	0.458	6.1	6.45	6.963	7.5
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	14	6.7	6.557	7.9	6.	0.246	0.496	6.1	6.45	6.963	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	14	0.2	0.278	1.	0.013	0.071	0.266	0.046	0.109	0.362	0.815
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	14	80.	73.214	100.	45.	340.797	18.461	45.	53.75	86.25	95.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.9	6.858	7.2	6.5	0.052	0.227	6.5	6.7	7.	7.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.889	6.802	7.2	6.5	0.055	0.235	6.5	6.7	7.	7.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.129	0.158	0.316	0.063	0.007	0.086	0.068	0.1	0.2	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	19.5	18.	22.	6.	26.364	5.135	6.9	18.	21.	22.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	18.	18.	33.	9.	73.4	8.567	9.	10.	25.	32.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.05	0.089	0.44	0.025	0.014	0.116	0.025	0.025	0.085	0.353
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.4	0.422	0.84	0.19	0.038	0.196	0.196	0.233	0.515	0.786
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.315	0.3	0.41	0.15	0.005	0.074	0.168	0.243	0.36	0.398
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.08	0.089	0.2	0.05	0.002	0.044	0.05	0.053	0.115	0.179
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	4.	4.082	10.	1.4	6.142	2.478	1.4	2.5	4.6	9.32
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	1850.	2152.5	4500.	410.	3191691.667	1786.531	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4 ##	62.5	67.5	120.	25.	2475.	49.749	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	6	58.	71.5	140.	16.	3199.9	56.568	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	6	1.757	1.707	2.146	1.204	0.176	0.42	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.905								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1986 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	14	18.	19.786	30.	7.5	61.874	7.866	9.5	12.	28.25	29.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	14	22.	21.607	31.5	6.5	54.891	7.409	9.75	15.875	27.75	31.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	12	5770.	6043.333	13300.	880.	11266533.333	3356.566	1348.	3700.	7720.	12370.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	6.45	7.25	15.	1.5	10.934	3.307	2.43	5.7	9.175	13.38
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	14	8.05	7.786	10.4	5.1	2.861	1.692	5.55	6.2	9.275	10.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	1.1	1.292	2.9	0.7	0.441	0.664	0.7	0.825	1.5	2.69
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	6.5	9.208	40.	2.5	111.066	10.539	2.5	2.5	12.5	31.9
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	14	6.75	6.704	7.1	6.3	0.059	0.244	6.35	6.488	6.85	7.05
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	14	6.747	6.641	7.1	6.3	0.064	0.252	6.35	6.487	6.85	7.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	14	0.179	0.229	0.501	0.079	0.016	0.127	0.09	0.144	0.326	0.45
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	14	77.5	81.786	110.	50.	321.566	17.932	57.5	68.75	100.	105.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	6.85	6.883	7.7	6.	0.167	0.409	6.21	6.7	7.075	7.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	6.847	6.693	7.7	6.	0.206	0.454	6.21	6.7	7.075	7.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.142	0.203	1.	0.02	0.067	0.259	0.029	0.085	0.2	0.76
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	22.	22.75	30.	18.	14.75	3.841	18.3	19.25	26.25	29.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	16.	19.	47.	7.	160.	12.649	7.6	11.	18.	45.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.075	0.073	0.16	0.025	0.001	0.038	0.025	0.05	0.095	0.145
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.38	0.378	0.59	0.18	0.011	0.105	0.204	0.31	0.44	0.554
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.335	0.357	0.54	0.27	0.006	0.078	0.273	0.293	0.398	0.51
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.08	0.081	0.11	0.025	0.001	0.024	0.036	0.07	0.1	0.11
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	3.8	4.	7.7	2.	2.48	1.575	2.15	2.975	4.075	7.28
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	800.	975.	1600.	700.	182500.	427.2	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	65.	63.75	100.	25.	956.25	30.923	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	80.	79.714	130.	44.	881.905	29.697	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	1.903	1.875	2.114	1.643	0.027	0.166	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			74.991								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	11	16.	16.818	26.	7.5	48.664	6.976	7.9	10.5	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	11	18.	20.	32.	10.	51.25	7.159	10.2	15.	27.5	31.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	12	7785.	8366.667	16300.	3320.	23102369.697	4806.492	3374.	3802.5	12875.	16180.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	10	13.	12.21	16.	7.5	11.488	3.389	7.61	8.825	15.25	16.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	11	8.2	8.936	12.8	6.5	3.843	1.96	6.56	7.3	10.4	12.44
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	11	1.	0.918	1.9	0.4	0.188	0.433	0.4	0.6	1.1	1.76
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	12	5.	6.	18.	2.5	18.636	4.317	2.5	2.5	7.75	15.
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	11	7.	6.932	7.3	6.2	0.097	0.311	6.28	6.8	7.15	7.28
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	11	7.	6.803	7.3	6.2	0.115	0.339	6.28	6.8	7.15	7.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	11	0.1	0.157	0.631	0.05	0.028	0.167	0.053	0.071	0.158	0.555
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	11	80.	77.727	95.	60.	136.818	11.697	61.	65.	90.	94.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	11	6.9	6.727	7.1	5.8	0.178	0.422	5.88	6.4	7.	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	11	6.9	6.49	7.1	5.8	0.24	0.49	5.88	6.4	7.	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	11	0.126	0.323	1.585	0.079	0.204	0.452	0.079	0.1	0.398	1.394
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	18.	18.909	25.	14.	12.691	3.562	14.2	16.	22.	24.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	12.	15.273	30.	7.	50.218	7.086	7.4	9.	20.	28.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12 ##	0.038	0.041	0.07	0.025	0.	0.017	0.025	0.025	0.058	0.067

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### Annual Analysis for 1987 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.33	0.348	0.44	0.25	0.003	0.054	0.268	0.313	0.393	0.437
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.36	0.366	0.5	0.28	0.005	0.07	0.28	0.3	0.395	0.494
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.095	0.092	0.12	0.06	0.	0.015	0.066	0.08	0.1	0.114
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	2.75	2.75	4.5	1.3	0.95	0.975	1.33	1.9	3.35	4.35
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	25.	193.75	700.	25.	113906.25	337.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	850.	797.5	1300.	190.	224025.	473.313	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	55.	53.75	80.	25.	522.917	22.867	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	47.5	92.5	250.	25.	11475.	107.121	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	42.5	627.5	2400.	25.	1396608.333	1181.782	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	84.	126.25	400.	36.	13440.5	115.933	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	1.924	1.991	2.602	1.556	0.095	0.308	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			97.877								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	11	0.3	0.545	3.	0.3	0.663	0.814	0.3	0.3	0.3	2.46

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	16.	16.742	27.5	5.	61.928	7.869	5.57	8.625	23.5	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	21.5	20.083	31.	8.	62.083	7.879	8.	13.25	27.25	30.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	11.	14.05	45.	5.5	120.857	10.994	5.95	7.525	15.5	38.7
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	8.55	8.717	11.6	6.3	2.805	1.675	6.42	7.25	9.7	11.51
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.8	0.992	2.7	0.4	0.415	0.644	0.43	0.525	1.15	2.4
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	7.175	7.113	7.7	6.5	0.186	0.432	6.5	6.7	7.55	7.67
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	7.174	6.925	7.7	6.5	0.225	0.474	6.5	6.7	7.55	7.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.067	0.119	0.316	0.02	0.012	0.111	0.022	0.029	0.2	0.316
00402p	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	12	90.	87.917	115.	60.	292.992	17.117	63.	71.25	100.	113.5
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	7.15	7.05	7.6	6.4	0.205	0.452	6.4	6.625	7.475	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	7.147	6.844	7.6	6.4	0.251	0.501	6.4	6.625	7.475	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.071	0.143	0.398	0.025	0.02	0.14	0.025	0.034	0.238	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	21.5	22.417	31.	16.	20.447	4.522	16.6	19.25	24.	30.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	8	15.5	17.25	35.	6.	81.643	9.036	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.085	0.101	0.29	0.025	0.005	0.074	0.025	0.06	0.138	0.254
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	11	0.36	0.392	0.53	0.27	0.008	0.089	0.274	0.33	0.49	0.524
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.44	0.429	0.62	0.24	0.014	0.117	0.243	0.35	0.49	0.614
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.11	0.103	0.14	0.06	0.001	0.026	0.066	0.08	0.128	0.137
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	3.3	3.509	6.7	1.4	2.781	1.668	1.42	2.4	5.1	6.46
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	6 ##	25.	55.833	210.	25.	5704.167	75.526	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	6	850.	1031.667	1900.	590.	268416.667	518.089	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	6	55.	58.343	110.	0.06	1335.267	36.541	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	12	95.	148.833	310.	13.	13738.697	117.212	13.9	55.75	282.5	307.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	12	1.972	1.985	2.491	1.114	0.231	0.48	1.141	1.744	2.451	2.487
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			96.705								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	6 ##	0.1	0.3	1.2	0.1	0.196	0.443	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	0.525	3.	0.3	0.608	0.779	0.3	0.3	0.3	2.19

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	17.5	17.	25.	34.727	5.893	6.5	12.875	21.75	24.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	21.5	20.458	32.	65.975	8.123	5.4	16.25	26.625	31.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	11	17.	17.682	40.	99.006	9.95	7.66	8.	25.	37.2
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	7.75	8.292	11.	6.5	2.581	1.606	6.53	6.825	9.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.6	0.675	1.4	0.4	0.082	0.286	0.4	0.425	0.85
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	7.3	7.367	8.5	6.5	0.388	0.623	6.5	7.025	7.675
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	7.3	7.047	8.5	6.5	0.5	0.707	6.5	7.025	7.675
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.05	0.09	0.316	0.003	0.012	0.11	0.003	0.021	0.095
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	12	90.	87.5	120.	60.	193.182	13.899	64.5	81.25	90.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	7.	7.067	7.5	6.5	0.07	0.264	6.62	6.925	7.275
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	7.	6.989	7.5	6.5	0.076	0.276	6.62	6.925	7.275
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.1	0.103	0.316	0.032	0.006	0.074	0.034	0.053	0.119
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	21.	22.182	30.	19.	9.564	3.093	19.	21.	23.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	18.5	19.583	46.	7.	122.083	11.049	7.3	10.	27.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	11	0.08	0.088	0.17	0.025	0.002	0.046	0.025	0.06	0.12
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	11	0.44	0.449	0.66	0.3	0.009	0.096	0.316	0.38	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.335	0.324	0.58	0.16	0.011	0.103	0.175	0.263	0.355
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.095	0.097	0.13	0.06	0.001	0.025	0.063	0.073	0.128
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	10	4.25	5.3	8.	3.	3.738	1.933	3.06	3.825	7.55
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	5 ##	5.	5.	5.	5.	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	5 ##	5.	5.	5.	5.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	5	970.	958.	1600.	590.	164270.	405.302	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	5 ##	25.	25.	25.	25.	0.	0.	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	5	100.	88.	130.	50.	1320.	36.332	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	5 ##	10.	10.	10.	10.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	5	50.	76.	220.	10.	6780.	82.341	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	10	48.	92.	300.	29.	9075.111	95.263	29.1	30.75	132.5
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	10	1.679	1.8	2.477	1.462	0.137	0.37	1.464	1.488	2.09
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	10	1.679	1.8	2.477	1.462	0.137	0.37	1.464	1.488	2.09
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	17.	18.208	28.	9.5	41.294	6.426	9.65	13.	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	25.	24.125	32.	13.	37.915	6.157	14.5	19.	29.75
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	11	21.	25.636	60.	7.	245.055	15.654	8.	12.	41.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	8.05	8.358	10.8	6.6	2.146	1.465	6.6	7.175	9.95
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.85	0.817	1.1	0.4	0.042	0.204	0.46	0.65	0.9
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.9	6.975	8.	6.25	0.233	0.483	6.355	6.625	7.375
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.889	6.784	8.	6.25	0.273	0.523	6.355	6.625	7.375
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.129	0.164	0.562	0.01	0.022	0.15	0.016	0.049	0.238
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	9	75.	80.	110.	60.	318.75	17.854	60.	70.	95.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	11	6.9	6.909	7.5	6.3	0.117	0.342	6.32	6.8	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	11	6.9	6.781	7.5	6.3	0.135	0.367	6.32	6.8	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	11	0.126	0.166	0.501	0.032	0.022	0.147	0.038	0.079	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	18.	17.333	23.	12.	14.788	3.846	12.	14.	20.75
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	23.	30.	86.	8.	430.8	20.756	10.	20.	29.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	11	0.06	0.08	0.19	0.025	0.004	0.06	0.025	0.13	0.188
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	11	0.44	0.444	0.78	0.24	0.027	0.164	0.248	0.28	0.54
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	11	0.34	0.333	0.47	0.22	0.008	0.09	0.22	0.24	0.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	11	0.09	0.094	0.19	0.04	0.002	0.041	0.044	0.06	0.11
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	10	5.5	5.72	9.5	2.4	5.342	2.311	2.5	3.7	7.8

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### Annual Analysis for 1990 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	1650.	1672.5	2500.	890.	634358.333	796.466	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	80.	102.5	190.	60.	3558.333	59.652	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4##	32.5	35.	70.	5.	1216.667	34.881	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	72.	124.556	450.	33.	17085.528	130.712	33.	52.5	155.	450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	1.857	1.953	2.653	1.519	0.117	0.342	1.519	1.72	2.179	2.653
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			89.764								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	13	17.	16.846	25.	9.5	28.558	5.344	9.7	11.	21.25	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	13	20.	21.115	34.	9.	72.59	8.52	10.2	12.75	29.5	33.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	18.	20.775	42.	4.3	150.389	12.263	5.41	10.75	30.25	41.4
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	13	7.8	8.123	10.4	5.8	2.025	1.423	6.04	7.1	9.6	10.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.9	0.883	1.5	0.3	0.152	0.39	0.33	0.55	1.15	1.5
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	13	6.7	6.712	7.15	6.35	0.057	0.238	6.39	6.5	6.9	7.09
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	13	6.7	6.655	7.15	6.35	0.06	0.245	6.39	6.5	6.9	7.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	13	0.2	0.221	0.447	0.071	0.013	0.113	0.082	0.126	0.316	0.41
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	13	70.	66.154	90.	30.	275.641	16.602	38.	52.5	80.	86.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	12	7.1	7.083	7.3	6.8	0.023	0.153	6.83	7.	7.2	7.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	12	7.1	7.058	7.3	6.8	0.024	0.155	6.83	7.	7.2	7.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	12	0.079	0.087	0.158	0.05	0.001	0.032	0.05	0.063	0.1	0.149
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	20.5	20.75	25.	18.	6.205	2.491	18.	18.25	23.	24.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	12.5	25.667	106.	5.	864.424	29.401	5.3	9.	36.75	90.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12	0.055	0.058	0.13	0.025	0.001	0.035	0.025	0.025	0.08	0.121
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.335	0.453	1.87	0.13	0.217	0.466	0.145	0.218	0.458	1.492
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.34	0.337	0.48	0.24	0.005	0.071	0.246	0.27	0.378	0.462
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.08	0.083	0.17	0.02	0.001	0.036	0.029	0.063	0.098	0.152
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	5.	4.755	6.6	1.5	2.331	1.527	1.8	4.1	5.8	6.6
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	1400.	2175.	4800.	1100.	3089166.667	1757.603	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	115.	110.	160.	50.	2866.667	53.541	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	5.	16.25	50.	5.	506.25	22.5	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	8	57.	80.5	220.	34.	3912.286	62.548	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	8	1.756	1.821	2.342	1.531	0.074	0.271	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			66.149								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	15.5	16.958	28.	9.5	40.248	6.344	9.5	10.375	22.75	26.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	15.25	16.125	28.	4.	65.46	8.091	4.9	8.25	23.75	27.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	15.	18.517	40.	8.2	87.167	9.336	8.44	11.25	24.5	36.1
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	7.85	7.808	10.7	2.9	4.808	2.193	3.89	6.4	9.925	10.61
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.65	0.713	1.4	0.05	0.209	0.457	0.065	0.325	1.1	1.34
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.8	6.783	7.1	6.5	0.031	0.175	6.515	6.637	6.888	7.07
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.8	6.751	7.1	6.5	0.032	0.178	6.515	6.637	6.888	7.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.158	0.177	0.316	0.079	0.005	0.072	0.086	0.13	0.233	0.306
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	10	65.	69.	100.	60.	160.	12.649	60.	60.	72.5	98.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	8	7.15	7.1	7.3	6.8	0.026	0.16	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	8	7.147	7.072	7.3	6.8	0.027	0.163	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	8	0.071	0.085	0.158	0.05	0.001	0.035	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	21.5	21.167	29.	16.	10.879	3.298	16.6	19.	22.	27.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	14.	17.273	35.	4.	103.018	10.15	4.4	10.	23.	34.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12 ##	0.025	0.031	0.07	0.025	0.	0.014	0.025	0.025	0.025	0.064
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.38	0.339	0.53	0.05	0.021	0.145	0.092	0.218	0.428	0.527
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.35	0.344	0.45	0.19	0.004	0.065	0.22	0.31	0.38	0.438
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.07	0.075	0.15	0.03	0.001	0.031	0.033	0.06	0.095	0.135
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	5.4	5.425	9.4	0.5	5.689	2.385	1.22	4.475	6.475	9.28
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	755.	875.	1500.	490.	189633.333	435.469	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	3	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	75.	101.429	230.	20.	7039.286	83.9	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	1.875	1.869	2.362	1.301	0.148	0.384	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			74.018								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ### - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	17.25	16.742	26.5	6.4	45.528	6.747	7.03	10.5	22.375	26.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	18.5	20.167	34.	9.	68.879	8.299	9.9	13.	26.75	33.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	16.	19.142	80.	3.5	415.21	20.377	3.92	6.225	21.5	62.9
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	7.85	8.4	11.4	6.7	2.513	1.585	6.7	7.225	9.8	11.19
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	1.3	1.183	1.8	0.2	0.263	0.513	0.32	0.7	1.675	1.77
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.45	6.592	7.6	6.1	0.22	0.469	6.1	6.163	6.875	7.465
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.447	6.418	7.6	6.1	0.253	0.503	6.1	6.163	6.875	7.465
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.357	0.382	0.794	0.025	0.082	0.286	0.039	0.134	0.689	0.794
00402p	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	12	70.	69.583	100.	45.	392.992	19.824	45.	51.25	88.75	97.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	18.	18.583	22.	16.	3.174	1.782	16.3	17.25	20.	21.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	18.5	22.833	80.	5.	398.515	19.963	5.9	11.25	25.75	66.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.043
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.305	0.304	0.46	0.18	0.005	0.07	0.204	0.26	0.333	0.436
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.365	0.345	0.52	0.03	0.017	0.129	0.099	0.265	0.428	0.502
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.085	0.09	0.17	0.05	0.001	0.033	0.053	0.063	0.11	0.152
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	3.9	4.436	8.7	3.2	2.329	1.526	3.28	3.7	4.5	8.04
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ### - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	840.	987.5	1600.	670.	181225.	425.705	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	55.	60.	80.	50.	200.	14.142	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	5.	11.25	30.	5.	156.25	12.5	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	37.	68.125	260.	19.	6423.268	80.145	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	8	1.568	1.671	2.415	1.279	0.127	0.356	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			46.893								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	12	0.3	4.442	50.	0.3	205.841	14.347	0.3	0.3	0.3	35.09

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### Annual Analysis for 1994 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	12	19.	17.792	28.	6.5	49.975	7.069	6.95	10.625	23.5	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	12	21.5	20.875	29.	11.	34.097	5.839	11.3	17.	25.75	28.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	12.	19.825	70.	4.9	371.278	19.269	5.11	7.125	29.5	61.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	12	8.05	8.375	11.2	6.1	2.578	1.606	6.34	7.1	9.975	11.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	11	0.8	0.791	1.4	0.2	0.109	0.33	0.26	0.6	0.9	1.36
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.675	6.757	7.9	6.1	0.232	0.482	6.145	6.463	7.078	7.66
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	12	6.669	6.575	7.9	6.1	0.269	0.518	6.145	6.462	7.077	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	12	0.215	0.266	0.794	0.013	0.051	0.226	0.033	0.084	0.345	0.725
00402p	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	11	80.	79.091	120.	50.	339.091	18.414	52.	70.	85.	115.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	12	20.	20.167	23.	16.	3.788	1.946	16.9	19.	21.75	23.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	21.	23.636	87.	9.	480.455	21.919	9.	10.	24.	74.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.295	0.32	0.45	0.16	0.008	0.089	0.181	0.263	0.398	0.444
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	11	0.4	0.405	0.53	0.29	0.005	0.068	0.3	0.36	0.42	0.526
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.06	0.077	0.18	0.01	0.002	0.044	0.019	0.053	0.1	0.162
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	11	3.8	4.073	8.1	0.5	3.396	1.843	0.92	3.5	4.8	7.52
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	970.	947.5	1400.	450.	186358.333	431.692	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	55.	55.	70.	40.	166.667	12.91	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	56.	76.571	200.	8.	5250.286	72.459	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	7	1.748	1.642	2.301	0.903	0.301	0.549	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.808								
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	11	21.5	19.164	25.5	8.	35.685	5.974	8.7	13.	24.5	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	11	24.	22.727	30.	12.	41.818	6.467	12.4	17.	28.	30.
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	11	16.	26.182	130.	5.4	1225.59	35.008	6.26	9.9	24.	109.2
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	11	7.9	8.464	12.	6.5	2.873	1.695	6.52	7.6	9.6	11.76

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	11	0.9	1.073	3.7	0.3	0.842	0.918	0.34	0.5	1.2	3.2
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	11	6.75	6.698	7.31	5.6	0.256	0.506	5.72	6.5	7.22	7.302
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	11	6.75	6.376	7.31	5.6	0.37	0.608	5.72	6.5	7.22	7.302
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	11	0.178	0.421	2.512	0.049	0.509	0.713	0.05	0.06	0.316	2.136
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	11	80.	75.	100.	30.	455.	21.331	35.	60.	95.	99.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	21.	19.636	23.	11.	12.655	3.557	11.8	19.	22.	22.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	11	16.	18.364	52.	11.	136.655	11.69	11.2	13.	16.	46.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	10	0.26	0.36	1.25	0.17	0.103	0.321	0.173	0.215	0.32	1.169
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	11	0.4	0.405	0.61	0.26	0.009	0.096	0.274	0.34	0.43	0.592
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	11	0.07	0.079	0.16	0.05	0.001	0.031	0.05	0.06	0.09	0.148
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	10	4.	5.04	10.4	3.	6.414	2.533	3.01	3.325	6.45	10.23
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	3 ##	5.	10.	20.	5.	75.	8.66	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	3 ##	5.	13.333	30.	5.	208.333	14.434	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	3	1400.	2466.667	5000.	1000.	485333.333	2203.028	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	3	60.	73.333	100.	60.	533.333	23.094	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	3 ##	5.	10.	20.	5.	75.	8.66	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	10	48.	71.9	270.	24.	5332.322	73.023	24.1	30.25	80.25	251.1
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	10	1.678	1.731	2.431	1.38	0.1	0.316	1.382	1.478	1.904	2.379
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =											
71900	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	11	17.	17.927	27.5	8.5	51.268	7.16	8.8	11.2	25.	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	11	20.	23.545	35.	12.	62.273	7.891	12.6	18.	31.	34.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	12	9.65	13.642	50.	4.5	145.512	12.063	5.22	7.775	15.25	40.4
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	11	8.3	8.445	10.3	6.9	1.875	1.369	6.92	7.	9.6	10.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	12	0.55	0.621	1.4	0.05	0.129	0.359	0.155	0.4	0.775	1.31
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	11	7.11	7.095	7.7	6.57	0.113	0.336	6.588	6.97	7.18	7.68
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	11	7.11	6.987	7.7	6.57	0.125	0.354	6.588	6.97	7.18	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	11	0.078	0.103	0.269	0.02	0.006	0.076	0.021	0.066	0.107	0.259
00402p	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	10	70.	77.5	150.	50.	806.944	28.407	50.	61.25	82.5	144.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	11	20.	20.364	24.	16.	5.455	2.335	16.2	20.	22.	23.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	12	19.	19.	38.	6.	106.182	10.304	6.3	8.5	27.	35.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	12	0.35	0.346	0.53	0.2	0.008	0.09	0.203	0.295	0.403	0.497
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	12	0.425	0.448	0.6	0.32	0.008	0.088	0.329	0.403	0.513	0.6
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	12	0.06	0.059	0.12	0.02	0.001	0.024	0.026	0.05	0.068	0.105
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	12	3.8	3.967	5.7	3.	0.472	0.687	3.12	3.625	4.275	5.37
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	4	935.	887.5	1200.	480.	92225.	303.686	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	4	50.	52.5	80.	30.	491.667	22.174	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	4 ##	7.5	10.	20.	5.	50.	7.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	33.	75.222	270.	18.	7033.444	83.866	18.	26.5	119.5	270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	9	1.519	1.688	2.431	1.255	0.161	0.402	1.255	1.419	2.071	2.431

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			48.798								
71900 MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0037

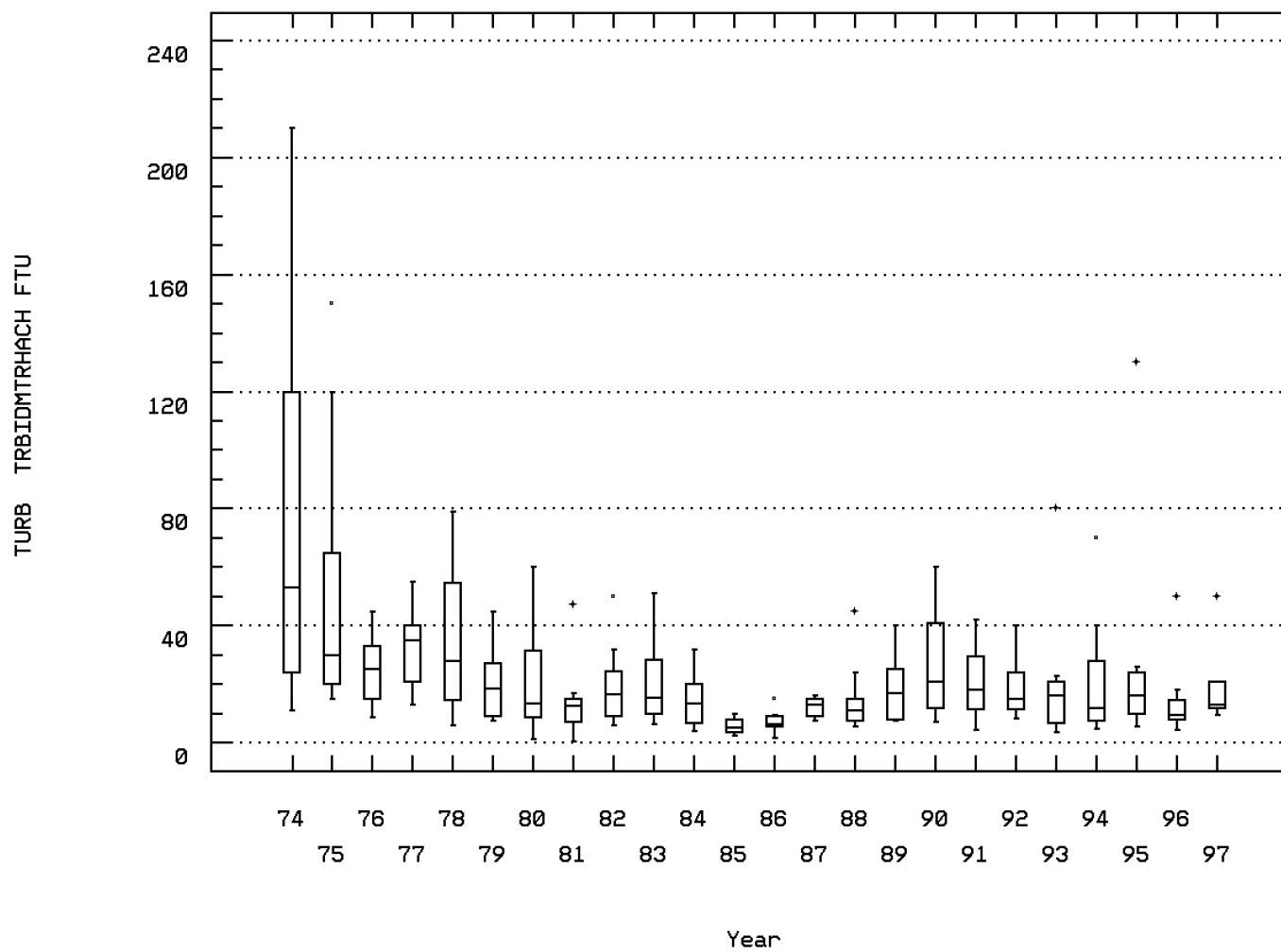
Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	5	16.	15.8	25.5	8.	53.075	7.285	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	5	17.	16.2	31.	7.	89.2	9.445	**	**	**	**
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	5	13.	21.12	50.	9.6	278.972	16.702	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	5	9.1	9.	10.8	7.5	1.895	1.377	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	6	0.9	0.883	1.2	0.5	0.09	0.299	**	**	**	**
00400p PH (STANDARD UNITS)	08/09/60-06/26/97	5	6.33	6.546	7.62	6.	0.389	0.623	**	**	**	**
00400p CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	5	6.33	6.335	7.62	6.	0.444	0.667	**	**	**	**
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	5	0.468	0.463	1.	0.024	0.123	0.351	**	**	**	**
00402p SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	5	60.	62.	75.	50.	107.5	10.368	**	**	**	**
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	6	16.	16.	21.	9.	18.8	4.336	**	**	**	**
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	6	24.5	21.5	31.	6.	78.7	8.871	**	**	**	**
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	6 ##	0.025	0.042	0.09	0.025	0.001	0.028	**	**	**	**
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	6	0.32	0.327	0.65	0.05	0.042	0.205	**	**	**	**
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	6	0.45	0.457	0.56	0.39	0.003	0.056	**	**	**	**
00665p PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	6	0.07	0.075	0.1	0.06	0.	0.016	**	**	**	**
00680p CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	5	3.	3.42	5.4	2.7	1.247	1.117	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	2	1100.	1100.	1200.	1000.	20000.	141.421	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	55.	113.	320.	37.	12760.8	112.964	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	6	1.74	1.899	2.505	1.568	0.144	0.38	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			79.311								
71900 MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



Station: COSW0037 Parameter Code: 00076

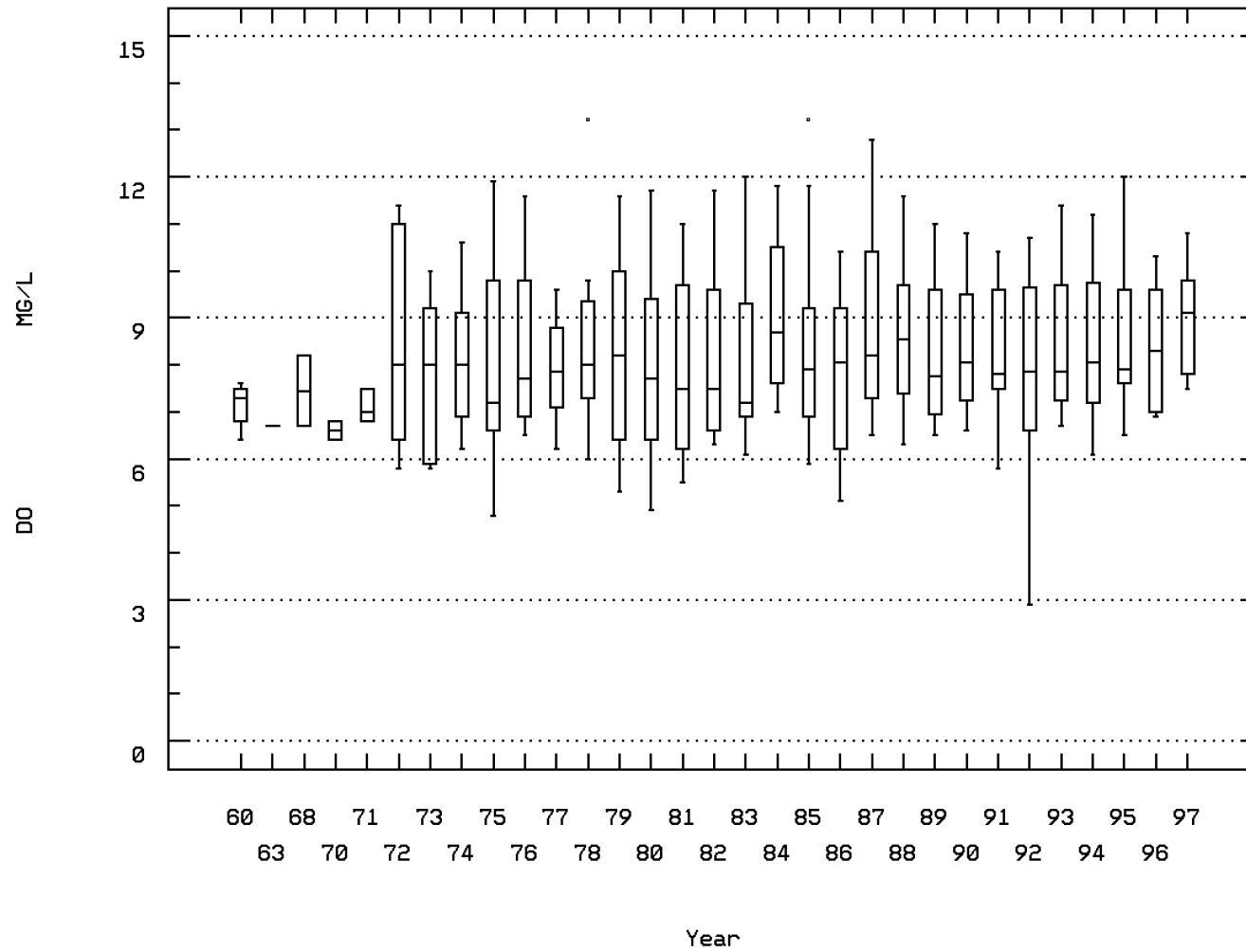
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00300

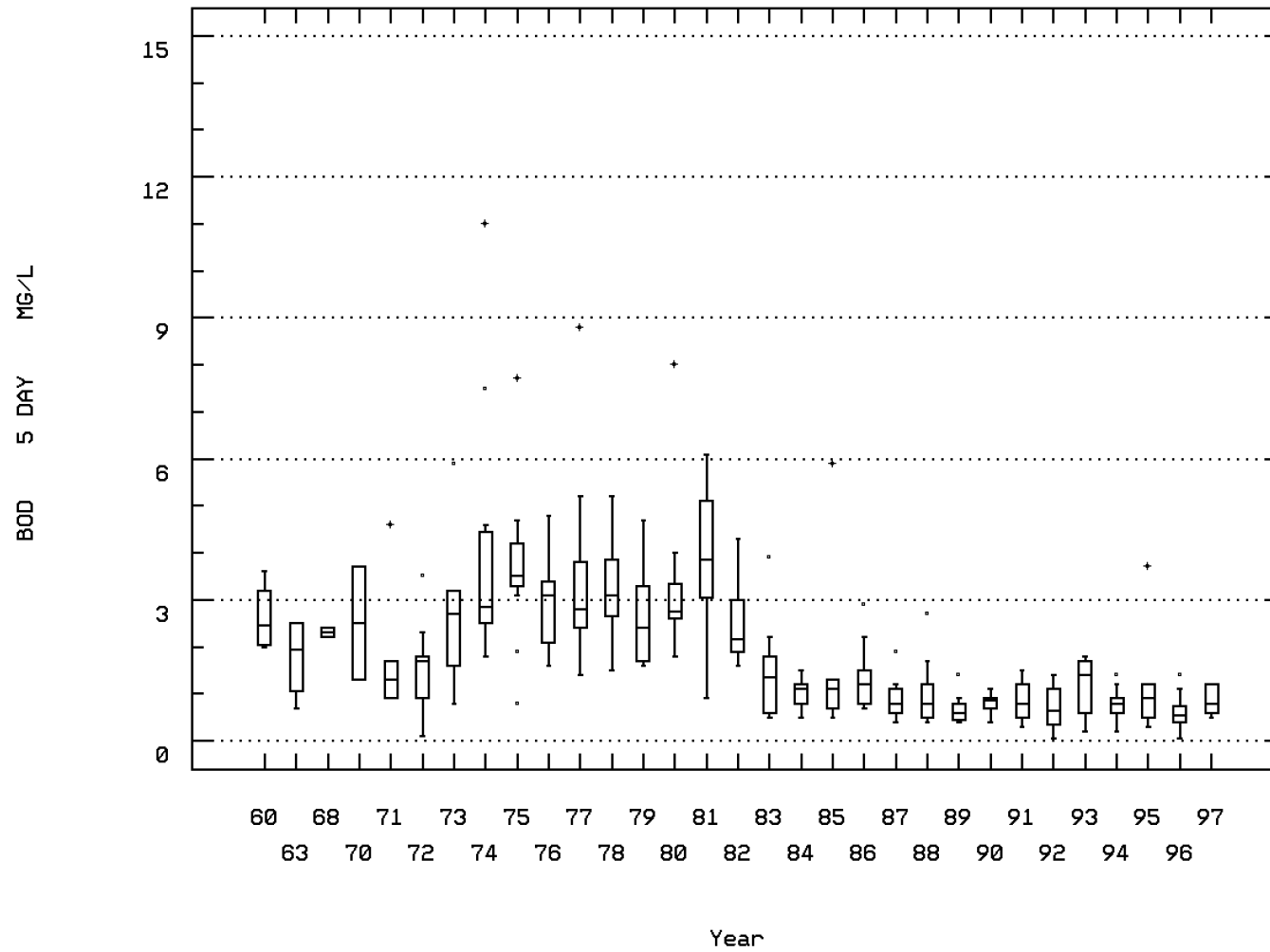
OXYGEN, DISSOLVED



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00310

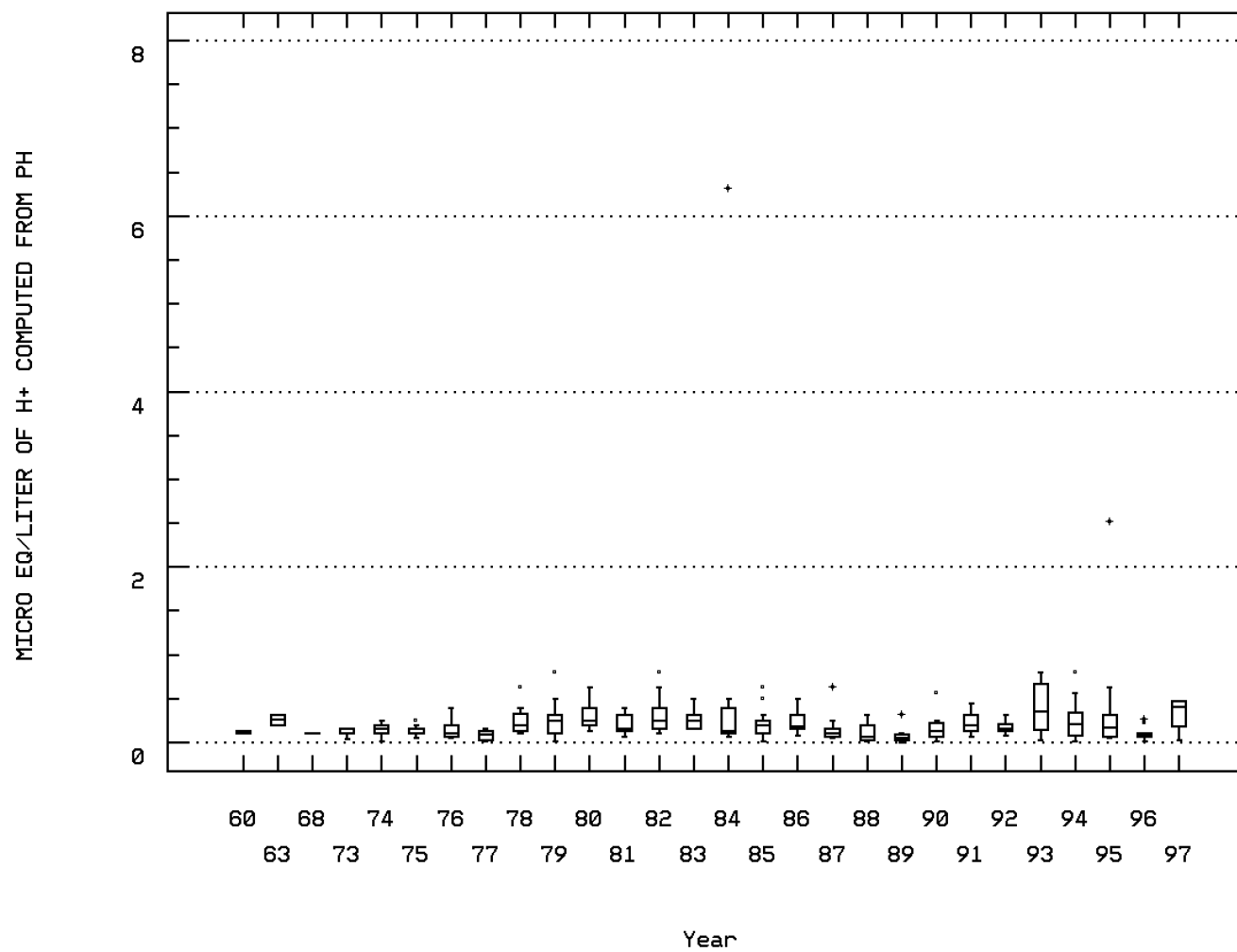
BOD, 5 DAY, 20 DEG C



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00400

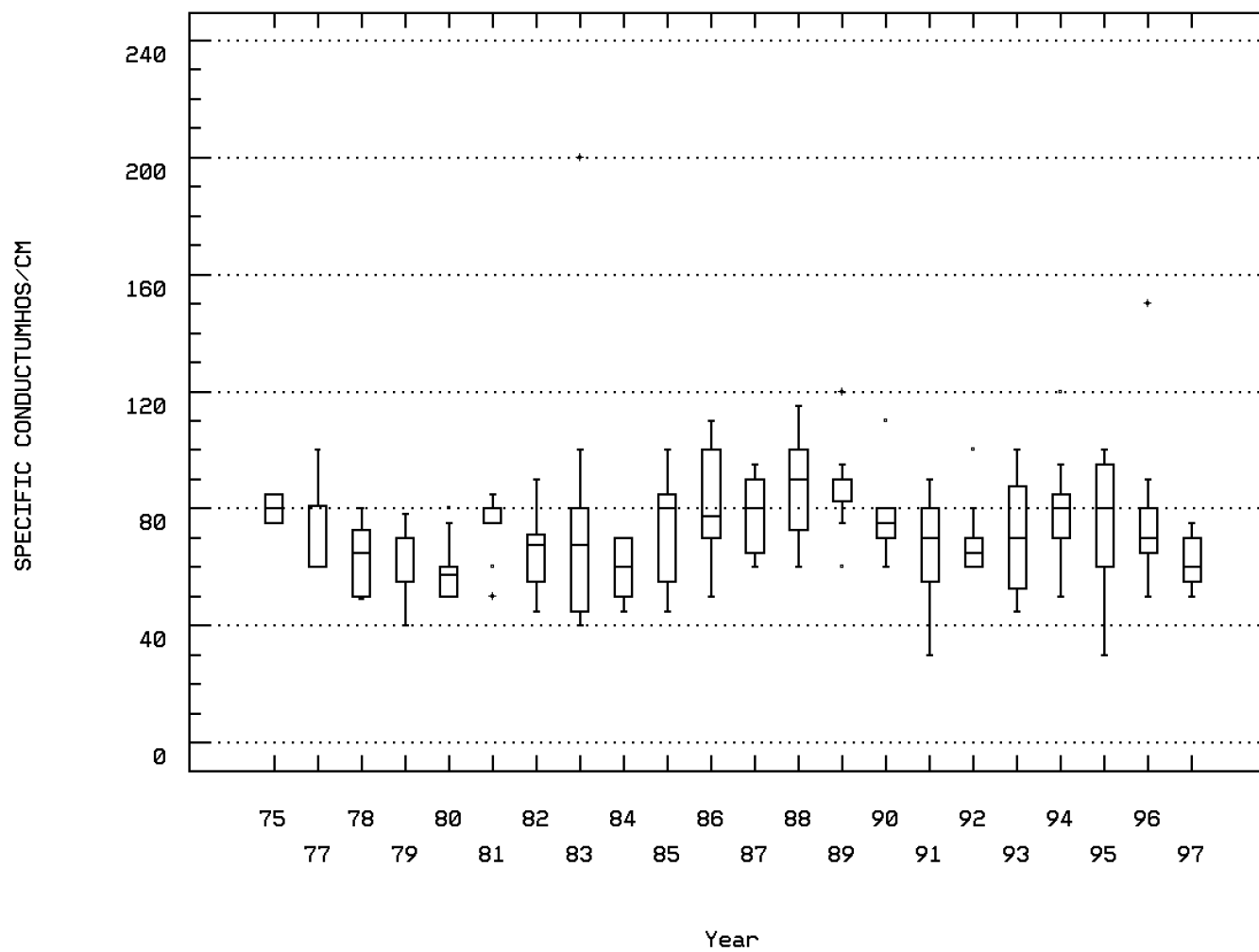
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00402

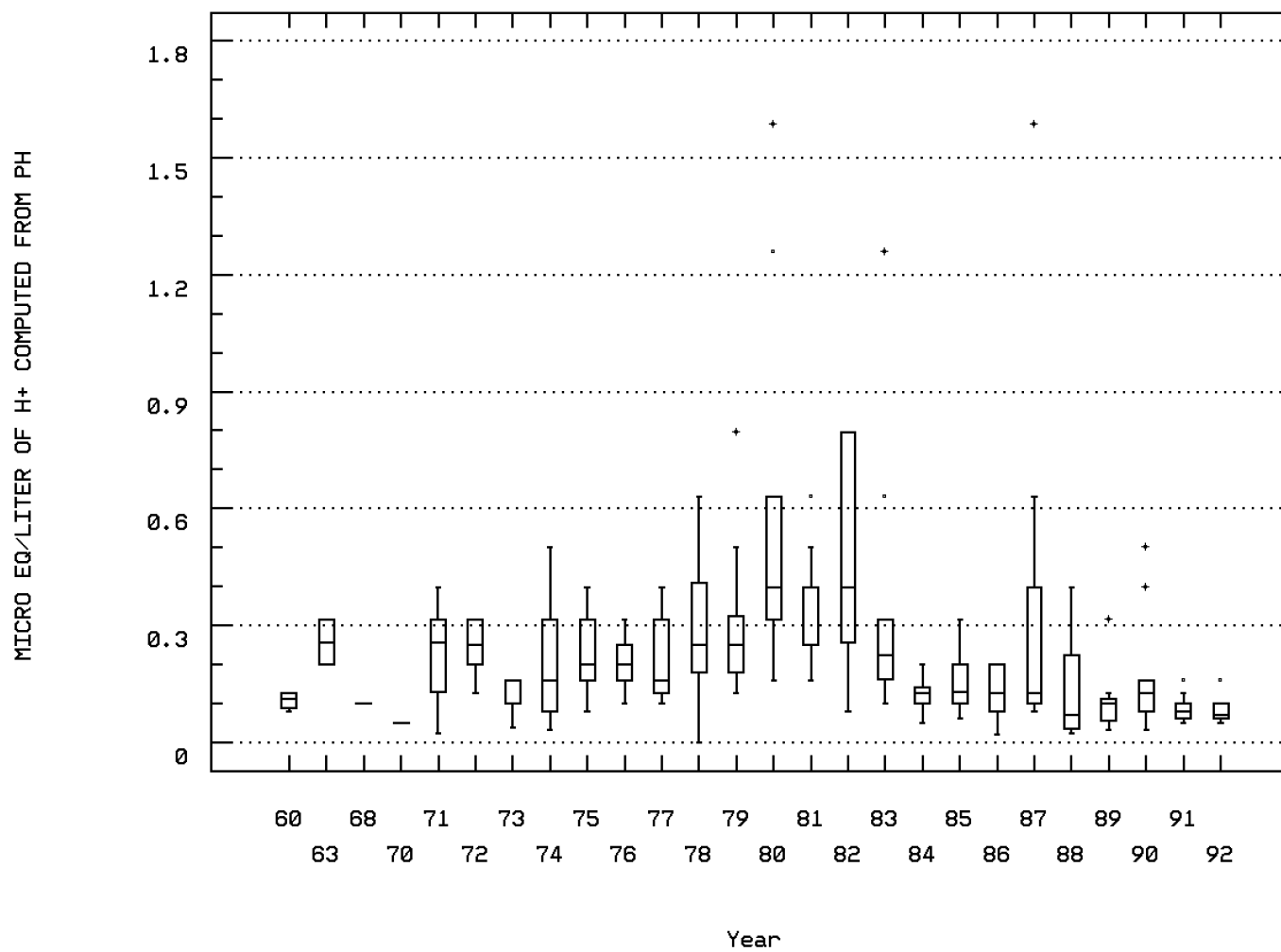
SPECIFIC CONDUCTANCE, NON-TEMPERATURE CO



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00403

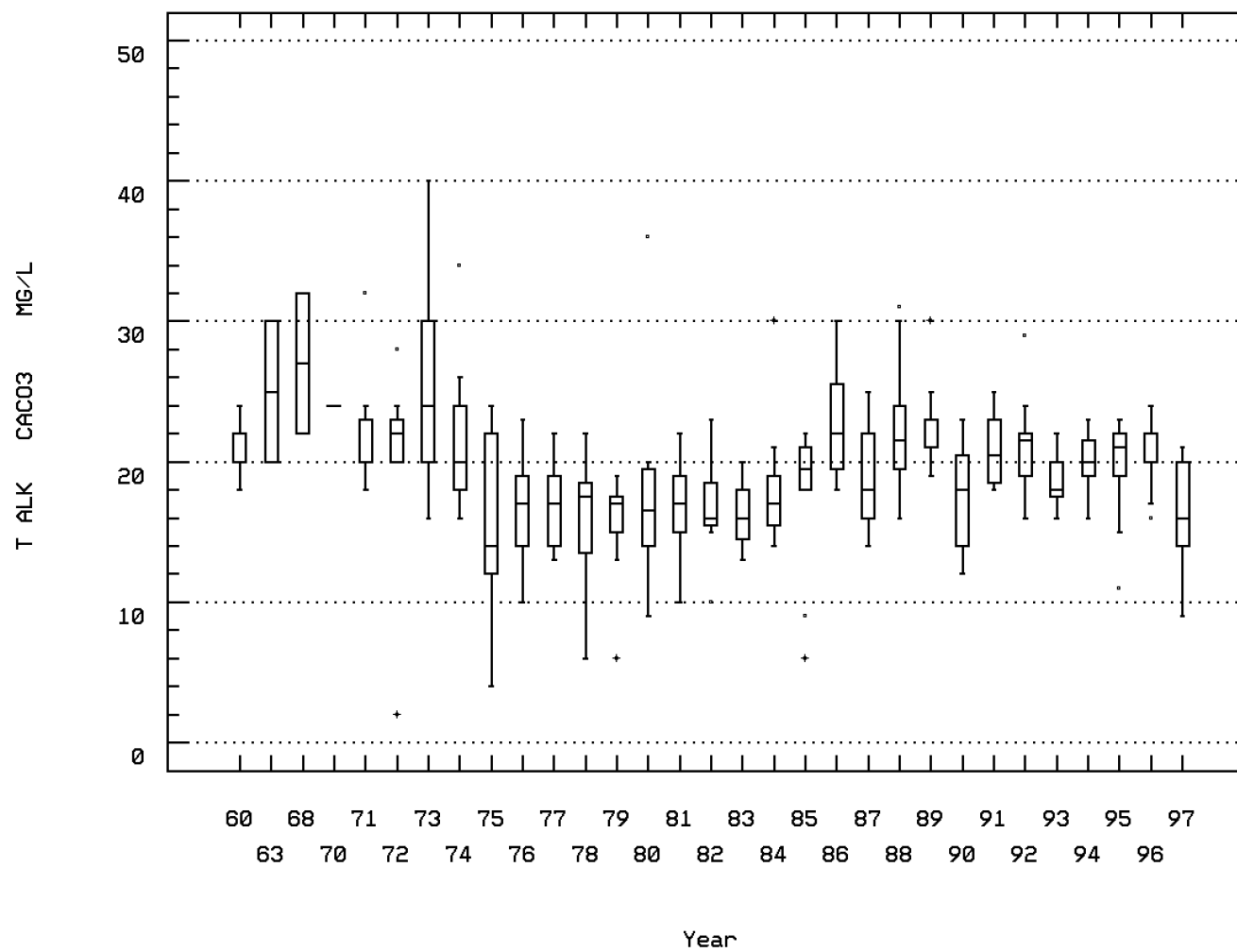
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00410

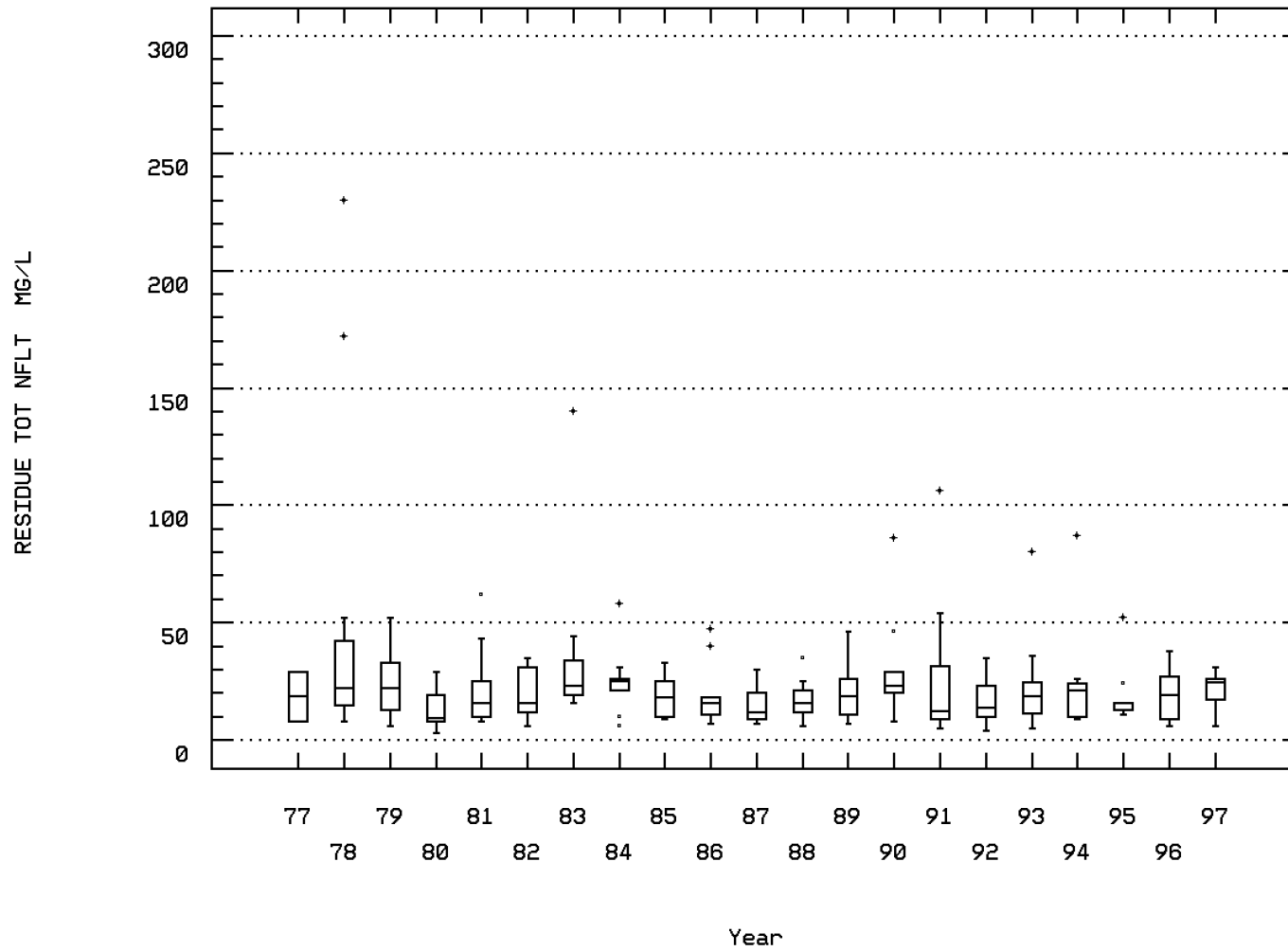
ALKALINITY, TOTAL (MG/L AS CaCO3)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00530

RESIDUE, TOTAL NONFILTRABLE (MG/L)

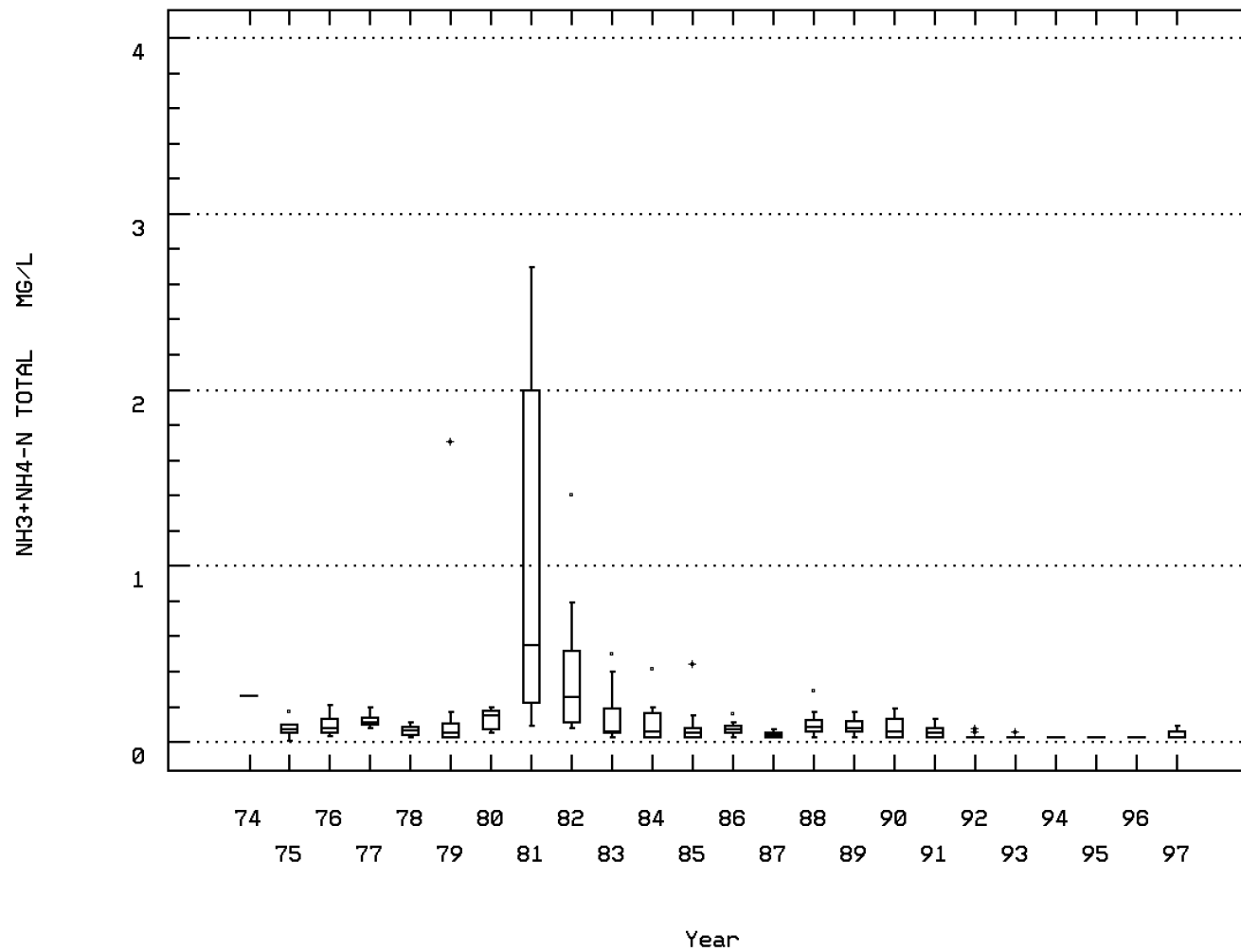


CONGAREE RVR AT US 601



Station: COSW0037 Parameter Code: 00610

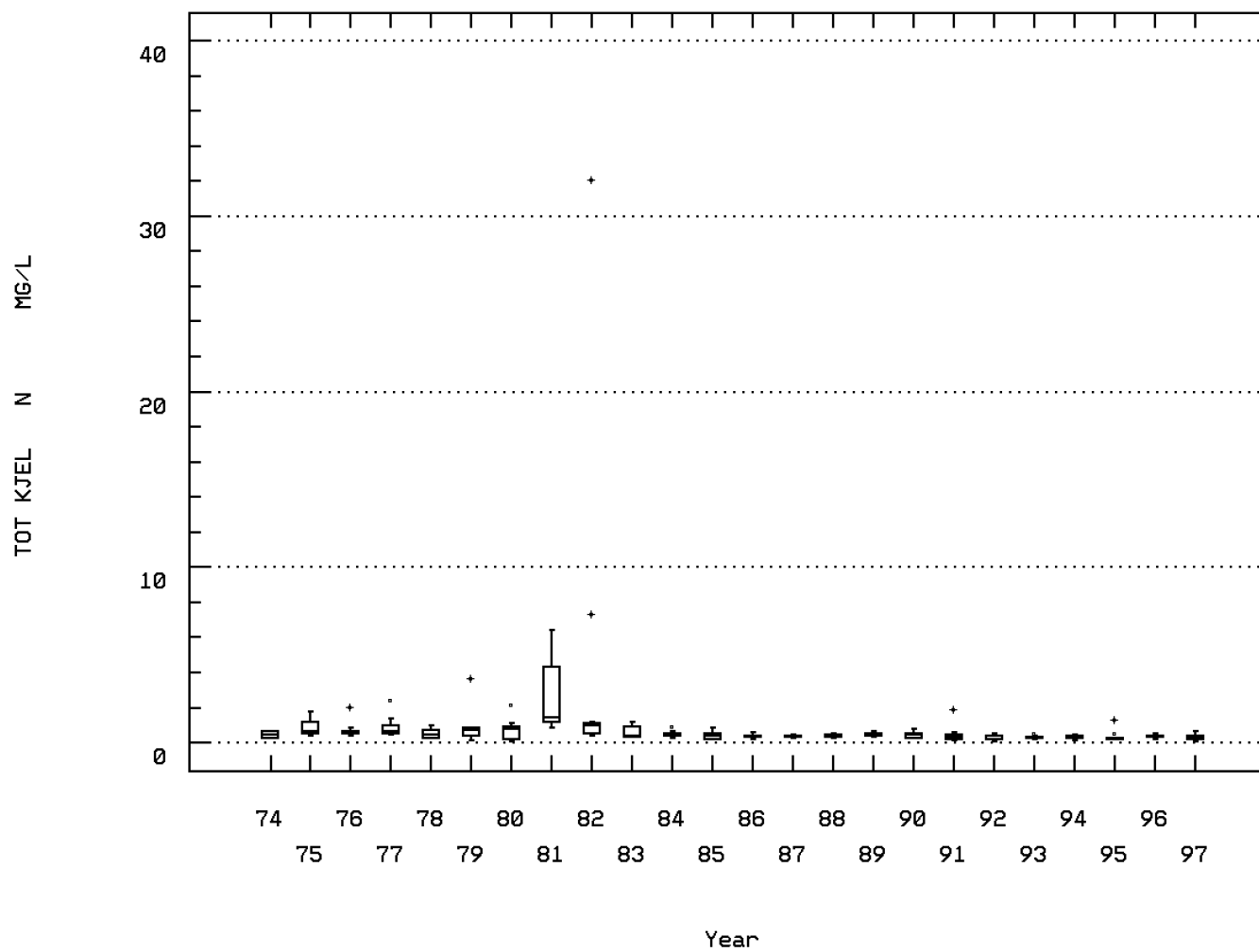
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00625

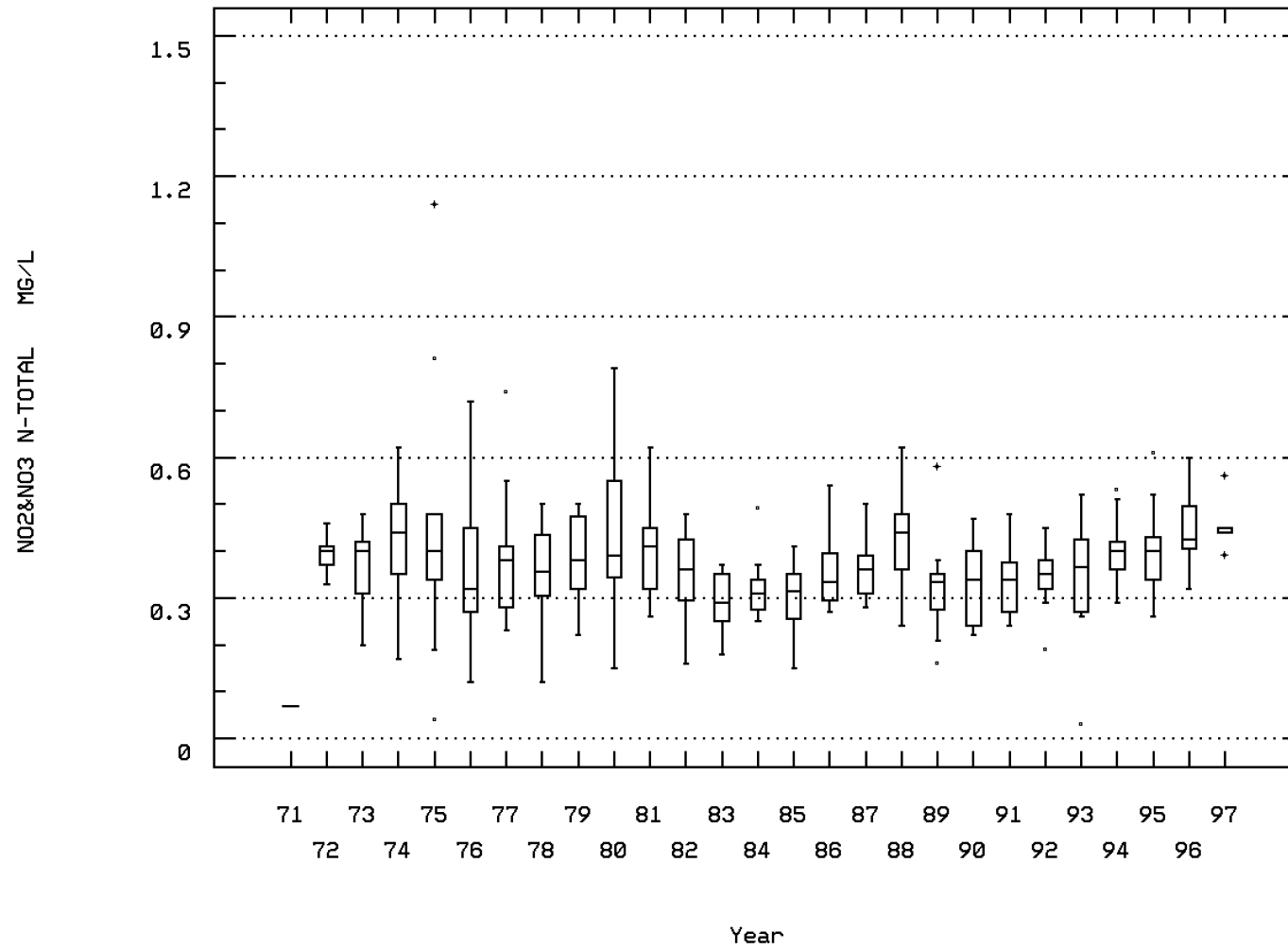
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00630

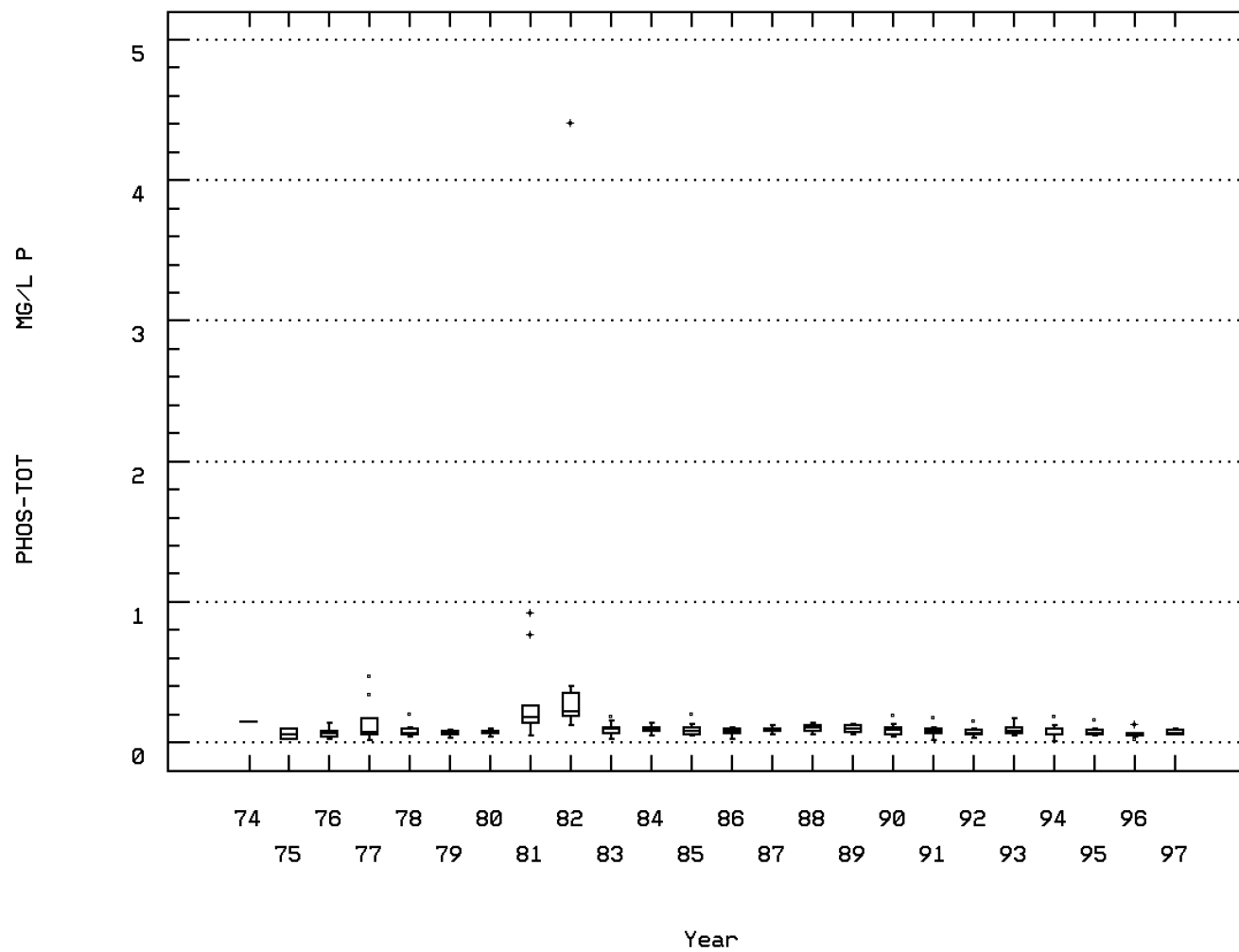
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00665

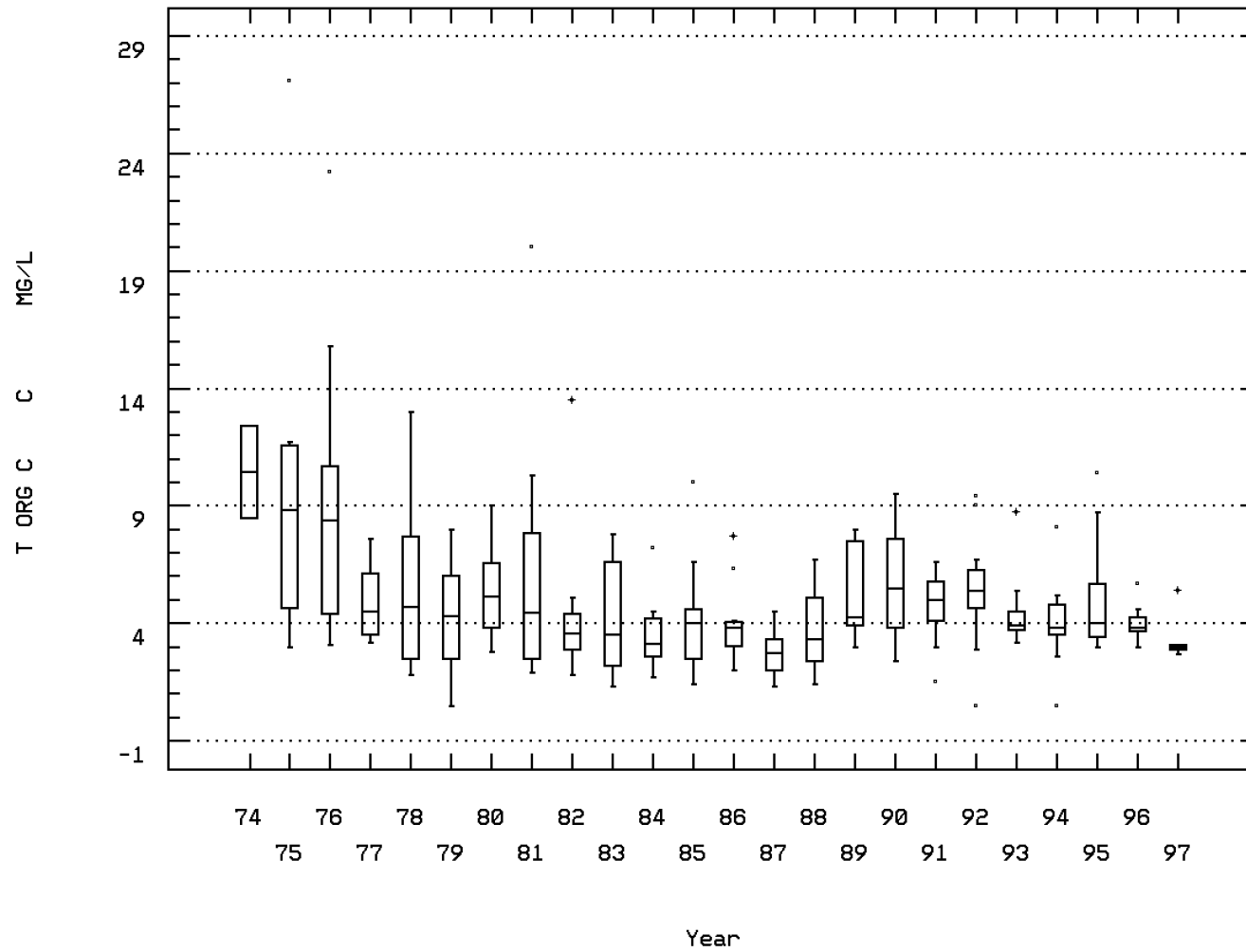
PHOSPHORUS, TOTAL (MG/L AS P)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00680

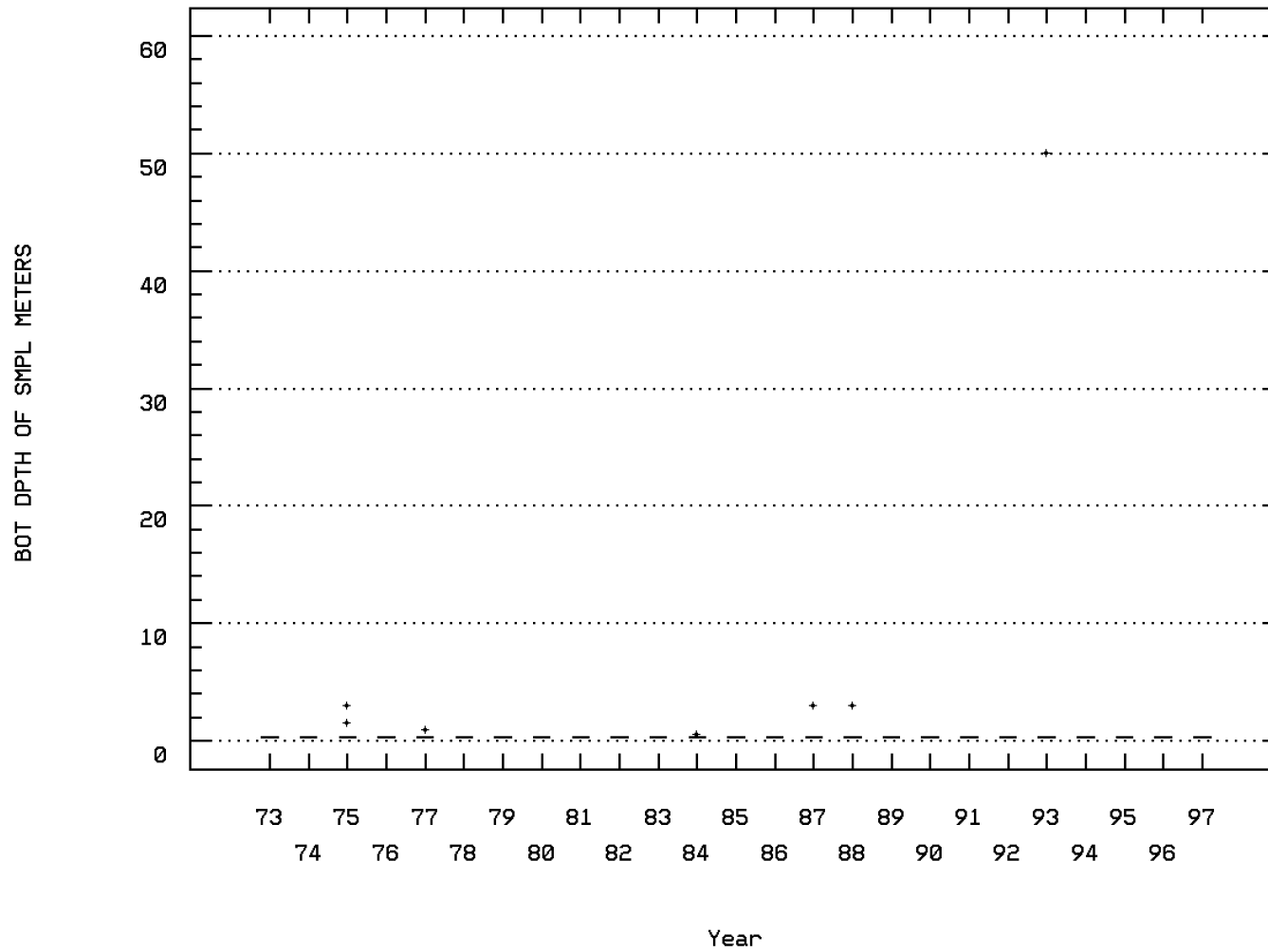
CARBON, TOTAL ORGANIC (MG/L AS C)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 82048

DEPTH TO BOTTOM OF THE SAMPLING INTERVAL



CONGAREE RVR AT US 601

# Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	148	24.	23.241	30.	6.4	16.639	4.079	17.	21.	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	74	26.	24.885	35.	7.	38.702	6.221	16.5	19.75	31.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	43	5580.	6377.674	15200.	880.	14347970.653	3787.872	2386.	3140.	8740.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	93	13.	19.598	210.	0.6	725.547	26.936	5.88	8.1	40.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/15/63-03/27/97	27	70.	87.407	210.	35.	2219.943	47.116	43.	50.	120.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	149	6.9	7.017	9.8	4.8	0.704	0.839	6.1	6.5	7.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/60-09/20/72	20	81.	81.875	93.	69.	27.628	5.256	78.	79.	84.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	124	1.6	2.119	11.	0.1	2.903	1.704	0.6	0.9	2.875
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	45	9.	12.487	99.	2.5	251.106	15.846	2.5	2.5	16.
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	135	6.8	6.795	8.4	5.6	0.151	0.389	6.3	6.5	7.
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	135	6.8	6.637	8.4	5.6	0.176	0.42	6.3	6.5	7.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	135	0.158	0.23	2.512	0.004	0.066	0.258	0.05	0.1	0.316
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	100	80.	81.96	200.	50.	401.089	20.027	60.	70.	90.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	98	6.8	6.735	7.6	5.8	0.113	0.337	6.29	6.5	7.
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	98	6.8	6.593	7.6	5.8	0.134	0.366	6.29	6.5	7.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	98	0.158	0.255	1.585	0.025	0.066	0.258	0.079	0.1	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/60-06/26/97	125	20.	19.584	40.	4.	26.761	5.173	14.	17.	22.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	78	17.5	26.359	172.	3.	758.233	27.536	9.	11.	30.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/01/76-11/16/89	4	905.	1066.75	2400.	57.	1371175.583	1170.972	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	92	0.05	0.17	2.7	0.025	0.192	0.438	0.025	0.025	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	86	0.425	1.088	32.	0.18	12.468	3.531	0.267	0.328	0.663
00627	NITROGEN KJELDAHL, TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	2	54.5	54.5	62.	47.	112.5	10.607	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	103	0.35	0.362	0.81	0.03	0.017	0.129	0.22	0.28	0.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	91	0.09	0.151	4.4	0.02	0.211	0.459	0.042	0.06	0.12
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/01/76-02/22/96	5	82.	94.81	188.8	1.25	6837.581	82.69	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	87	4.1	5.18	27.1	0.5	17.988	4.241	1.78	2.9	6.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	40 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	5 ##	0.5	0.497	0.5	0.485	0.	0.007	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	5 ##	2.5	3.38	6.8	2.5	3.657	1.912	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	40 ##	25.	19.875	25.	5.	76.266	8.733	5.	8.75	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	40 ##	25.	31.	210.	5.	1129.744	33.612	5.	5.	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/01/76-02/22/96	5 ##	2.5	3.07	5.	0.5	3.537	1.881	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	40	1000.	1319.	5000.	190.	963327.179	981.492	518.	725.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	40 ##	25.	29.375	80.	25.	152.804	12.361	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/01/76-02/22/96	5	6.	5.74	11.7	2.5	14.163	3.763	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	39	80.	101.667	420.	25.	5303.07	72.822	50.	70.	110.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	40 ##	25.	27.75	50.	10.	231.987	15.231	10.	10.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/01/76-02/22/96	5 ##	2.5	3.17	5.	1.	2.945	1.716	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	39 ##	25.	90.513	1100.	5.	32445.783	180.127	5.	25.	100.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/01/76-02/22/96	5	7.1	10.28	20.	2.5	49.877	7.062	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	8	10450.	9554.125	24000.	13.	81298590.411	9016.573	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	8	4.006	3.208	4.38	1.114	1.88	1.371	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	8	4.006	3.208	4.38	1.114	1.88	1.371	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	80	185.	1367.763	24000.	10.	15518982.892	3939.414	25.3	57.75	548.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	80	2.266	2.309	4.38	1.	0.586	0.765	1.403	1.761	2.738
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	80	2.266	2.309	4.38	1.	0.586	0.765	1.403	1.761	2.738
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/23/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-06/16/94	14 ##	0.003	0.01	0.094	0.002	0.001	0.024	0.002	0.003	0.052
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/23/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/23/83-02/22/96	2 ##	1.	1.	1.	1.	0.	0.	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	2 ##	0.015	0.015	0.025	0.005	0.	0.014	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	2 ##	0.015	0.015	0.025	0.005	0.	0.014	**	**	**
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-06/16/94	14	8.1	34.829	150.	2.5	2209.059	47.001	2.5	2.5	74.975
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	18	10.09	14.054	60.	2.5	233.553	15.282	2.5	2.5	17.
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	18	51.	273.672	3290.	2.5	581356.748	762.468	2.5	9.8	221.5
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	18 ##	2.5	31.078	399.	2.5	8796.615	93.79	2.5	2.5	10.25
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/77-10/25/88	18	0.065	0.316	3.69	0.003	0.725	0.851	0.003	0.025	0.265
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/23/77-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39407	TOXAPHENE IN FISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/18/77-02/22/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/77-10/25/88	14	0.105	0.329	2.2	0.025	0.329	0.574	0.025	0.025	0.423
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-06/16/94	14 ##	2.5	3.214	12.5	2.5	7.143	2.673	2.5	2.5	7.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.015	0.015	0.025	0.005	0.	0.012	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	5 ##	1.	0.81	1.	0.05	0.181	0.425	**	**	**
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/01/76-02/22/96	5	0.5	0.6	1.	0.3	0.07	0.265	**	**	**
71900p	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	54 ##	0.1	0.312	4.1	0.04	0.353	0.594	0.1	0.1	0.25
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/01/76-02/22/96	5 ##	0.15	0.15	0.25	0.1	0.004	0.061	**	**	**
71930	MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-12/03/96	18	0.27	0.269	0.6	0.1	0.028	0.166	0.123	0.125	0.34
71936	LEAD, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	19	1.	1.521	4.7	0.5	1.485	1.219	0.5	0.5	2.4
71937	COPPER, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-06/16/94	19 ##	1.	1.005	2.6	0.5	0.293	0.541	0.5	0.5	1.
71938	ZINC, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	19	12.	14.453	52.	4.	148.248	12.176	4.	4.	22.
71939	CHROMIUM, TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	19 ##	0.5	1.647	10.	0.5	6.202	2.49	0.5	0.5	1.8
71940	CADMIUM, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-06/16/94	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/77-12/03/96	27	1.	1.741	5.	1.	2.507	1.583	1.	1.	1.
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-06/16/94	14 ##	0.003	0.003	0.013	0.003	0.	0.003	0.003	0.003	0.008
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	109	0.3	0.336	3.	0.3	0.08	0.282	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	111	10.5	10.616	17.5	4.	10.088	3.176	6.58	8.	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	81	13.	13.062	27.	0.	33.734	5.808	5.	9.	17.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	42	10800.	11636.429	25500.	2500.	32723935.714	5720.484	4552.	6502.5	16000.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	108	16.	24.077	126.	3.5	488.008	22.091	5.69	9.65	30.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/15/63-03/27/97	19	80.	91.974	160.	2.5	2533.735	50.336	20.	60.	150.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	111	10.	10.012	13.2	2.9	1.77	1.331	8.72	9.3	10.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/60-09/20/72	2	97.5	97.5	100.	95.	12.5	3.536	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	116	1.2	1.686	7.5	0.05	1.696	1.302	0.5	0.7	2.4
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	49	10.	11.141	40.	2.5	63.425	7.964	2.5	4.7	16.5
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	109	6.8	6.849	7.9	5.2	0.156	0.395	6.4	6.6	7.02

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	109	6.8	6.614	7.9	5.2	0.211	0.46	6.4	6.6	7.02	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	109	0.158	0.243	6.31	0.013	0.368	0.607	0.05	0.096	0.251	0.398
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	09/09/75-06/26/97	86	60.	59.686	120.	30.	184.736	13.592	45.	50.	70.	75.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	94	6.75	6.745	9.	5.8	0.188	0.433	6.2	6.5	7.	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	94	6.747	6.572	9.	5.8	0.218	0.467	6.2	6.5	7.	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	94	0.179	0.268	1.585	0.001	0.068	0.26	0.063	0.1	0.316	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	118	19.	18.322	30.	2.	25.417	5.042	12.	16.	21.	24.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	85	14.	20.024	230.	4.	721.952	26.869	6.	8.5	22.	31.
00557	OIL & GREASE, SED, DRY WT, FREON EXTR-GRAV METH, MG/KG	11/01/76-11/16/89	9	260.	816.222	5100.	40.	2609993.444	1615.547	40.	133.	520.	5100.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	103	0.07	0.128	1.7	0.01	0.052	0.229	0.025	0.025	0.14	0.206
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	102	0.4	0.622	7.3	0.05	0.682	0.826	0.243	0.3	0.615	1.015
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/25/85-02/22/96	9	42.	146.444	550.	20.	51190.528	226.253	20.	20.	294.	550.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	112	0.345	0.35	0.72	0.15	0.009	0.093	0.243	0.29	0.4	0.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	101	0.08	0.1	0.47	0.01	0.005	0.069	0.05	0.06	0.115	0.18
00668	PHOSPHORUS, TOTAL, BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/01/76-02/22/96	15	104.	608.167	3750.	1.25	1208912.765	1099.506	1.25	47.	610.	3060.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	98	3.95	4.733	15.8	0.5	6.577	2.565	2.5	3.075	5.625	8.31
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	48 ##	5.	5.104	10.	5.	0.521	0.722	5.	5.	5.	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/01/76-02/22/96	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/01/76-02/22/96	15	2.5	6.733	36.	1.8	84.657	9.201	1.98	2.5	6.	24.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	48 ##	25.	20.104	70.	5.	137.755	11.737	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	48 ##	25.	26.042	50.	5.	287.19	16.947	5.	5.	50.	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/01/76-02/22/96	15 ##	2.5	4.813	29.	0.5	49.143	7.01	0.5	2.5	5.	16.22
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	48	1000.	1373.125	4500.	480.	997894.282	998.947	600.	700.	1575.	3000.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	48 ##	25.	32.813	130.	25.	431.815	20.78	25.	25.	25.	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/01/76-02/22/96	15 ##	2.5	8.42	47.	2.5	164.367	12.821	2.5	2.5	5.3	35.6
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	48	60.	79.792	330.	25.	3969.105	63.001	25.	50.	97.5	163.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	48 ##	25.	28.333	70.	10.	271.631	16.481	10.	10.	50.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/01/76-02/22/96	15 ##	2.5	3.507	12.	1.	8.504	2.916	1.	1.	5.	8.64
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	48 ##	25.	132.708	4000.	5.	328411.658	573.072	5.	21.25	60.	137.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/01/76-02/22/96	15	11.	21.867	100.	4.8	672.888	25.94	5.52	8.	22.	75.94
31615p	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/11/68-03/29/96	9	220.	1374.444	8000.	30.	6629402.778	2574.763	30.	105.	1600.	8000.
31615p	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/11/68-03/29/96	9	2.342	2.556	3.903	1.477	0.585	0.765	1.477	2.009	3.182	3.903
31615p	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/11/68-03/29/96	9	2.342	2.556	3.903	1.477	0.585	0.765	1.477	2.009	3.182	3.903
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	82	140.	472.561	5200.	12.	965887.657	982.796	31.6	62.25	337.5	1079.7
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	82	2.146	2.219	3.716	1.079	0.339	0.582	1.5	1.794	2.528	3.026
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/11/68-06/26/97	82	2.146	2.219	3.716	1.079	0.339	0.582	1.5	1.794	2.528	3.026
34257	B-BHC-BETA DRY WGT BOTUG/KG	11/23/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34301	CHLOROBENZENE TOTWUG/L	05/25/89-03/27/97	10 ##	1.	4.6	10.	1.	21.6	4.648	1.	1.	10.	10.
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-06/16/94	6 ##	0.003	0.01	0.049	0.003	0.	0.019	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/23/83-02/22/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	1.039	2.5	0.05	0.241	0.491	0.525	1.	1.	1.75
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	12 ##	1.	1.283	4.4	1.	0.963	0.981	1.	1.	1.	3.38
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	1.039	2.5	0.05	0.241	0.491	0.525	1.	1.	1.75
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/95	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	1.571	7.5	1.	3.071	1.753	1.	1.	1.	5.
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/23/83-02/22/95	10 ##	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	0.968	1.5	0.05	0.088	0.296	0.525	1.	1.	1.25
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025	0.025
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	6	130.05	131.917	232.	23.5	8127.046	90.15	**	**	**	**
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39376	DDT SUM ANALOGS IN TISSUE WET WGT BASIS	05/23/77-10/25/88	6	0.13	0.13	0.23	0.02	0.008	0.091	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.008	0.025	0.025
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	14 ##	1.	1.218	5.	0.05	1.249	1.118	0.525	1.	3.
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/23/77-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.025	0.05	0.005	0.	0.01	0.011	0.025	0.043
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	1.218	5.	0.05	1.249	1.118	0.525	1.	3.
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.228	1.25	0.005	0.228	0.478	0.011	0.025	1.25
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/76-02/22/96	14 ##	1.	5.075	35.	0.05	115.417	10.743	0.525	1.	30.
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/01/76-02/22/96	12 ##	1.	0.921	1.	0.05	0.075	0.274	0.335	1.	1.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/01/76-02/22/96	12 ##	1.	0.921	1.	0.05	0.075	0.274	0.335	1.	1.
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/18/77-02/22/95	12 ##	1.	0.958	1.	0.5	0.021	0.144	0.65	1.	1.
39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/77-10/25/88	6	0.248	0.262	0.695	0.025	0.061	0.247	**	**	**
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	12 ##	0.025	0.023	0.025	0.005	0.	0.006	0.011	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/01/76-02/22/96	14 ##	1.	1.039	2.5	0.05	0.241	0.491	0.525	1.	1.75
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-06/16/94	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/01/76-02/22/96	13 ##	0.5	2.015	12.	0.3	11.266	3.357	0.34	0.5	9.2
71900p	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	61 ##	0.1	0.314	3.	0.04	0.266	0.516	0.1	0.1	0.68
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/01/76-02/22/96	14 ##	0.15	0.193	0.5	0.15	0.01	0.1	0.15	0.15	0.4
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-12/03/96	11 ##	0.125	0.228	1.26	0.125	0.117	0.342	0.125	0.125	1.033
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	6	1.3	1.317	2.1	0.5	0.306	0.553	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-06/16/94	6	1.2	1.317	2.4	0.5	0.426	0.652	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	6	10.	11.7	20.	7.6	21.276	4.613	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	6 ##	1.	1.433	3.6	0.5	1.427	1.194	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-06/16/94	6 ##	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/77-12/03/96	11	1.	1.818	5.	1.	1.764	1.328	1.	3.	4.6
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-06/16/94	6 ##	0.003	0.003	0.005	0.003	0.	0.001	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	93	0.3	0.36	3.	0.3	0.155	0.394	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/60-06/26/97	86	21.	21.227	29.	12.	17.51	4.184	15.5	17.875	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/26/97	54	24.	24.139	34.	13.	22.655	4.76	17.5	21.	31.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/14/74-12/03/87	32	10500.	10157.188	18600.	2350.	24643762.802	4964.248	3722.	5320.	18420.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/74-06/26/97	70	20.	23.777	150.	3.	531.911	23.063	6.24	9.425	41.8
00080p	COLOR (PLATINUM-COBALT UNITS)	07/15/63-03/27/97	19	70.	100.	240.	25.	4030.556	63.487	30.	50.	200.
00300p	OXYGEN, DISSOLVED MG/L	08/09/60-06/26/97	86	7.8	7.808	10.5	5.5	0.904	0.951	6.47	7.2	9.13
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/60-09/20/72	5	85.	84.4	90.	77.	29.8	5.459	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/09/60-06/26/97	81	1.3	1.899	8.8	0.05	2.476	1.574	0.42	0.9	4.58
00335	COD, .025N K2CR2O7 MG/L	08/30/77-01/22/88	27	8.	9.085	20.	2.5	34.323	5.859	2.5	14.	18.2
00400p	PH (STANDARD UNITS)	08/09/60-06/26/97	80	6.8	6.855	8.5	6.	0.203	0.451	6.355	6.5	7.087
00400p	CONVERTED PH (STANDARD UNITS)	08/09/60-06/26/97	80	6.8	6.671	8.5	6.	0.237	0.487	6.355	6.5	7.087
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-06/26/97	80	0.158	0.213	1.	0.003	0.038	0.195	0.04	0.082	0.442
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	09/09/75-06/26/97	58	75.	72.845	110.	30.	246.59	15.703	50.	60.	95.
00403p	PH, LAB, STANDARD UNITS SU	08/09/60-08/21/92	64	6.85	6.83	7.6	5.9	0.141	0.376	6.4	6.5	7.075
00403p	CONVERTED PH, LAB, STANDARD UNITS	08/09/60-08/21/92	64	6.847	6.67	7.6	5.9	0.167	0.409	6.4	6.5	7.075
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/60-08/21/92	64	0.142	0.214	1.259	0.025	0.047	0.216	0.04	0.085	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/60-06/26/97	77	20.	19.442	32.	4.	17.618	4.197	14.	17.	23.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/77-06/26/97	56	21.	23.304	54.	9.	94.615	9.727	13.7	16.25	37.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/26/97	61	0.05	0.111	1.	0.025	0.031	0.176	0.025	0.025	0.248

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

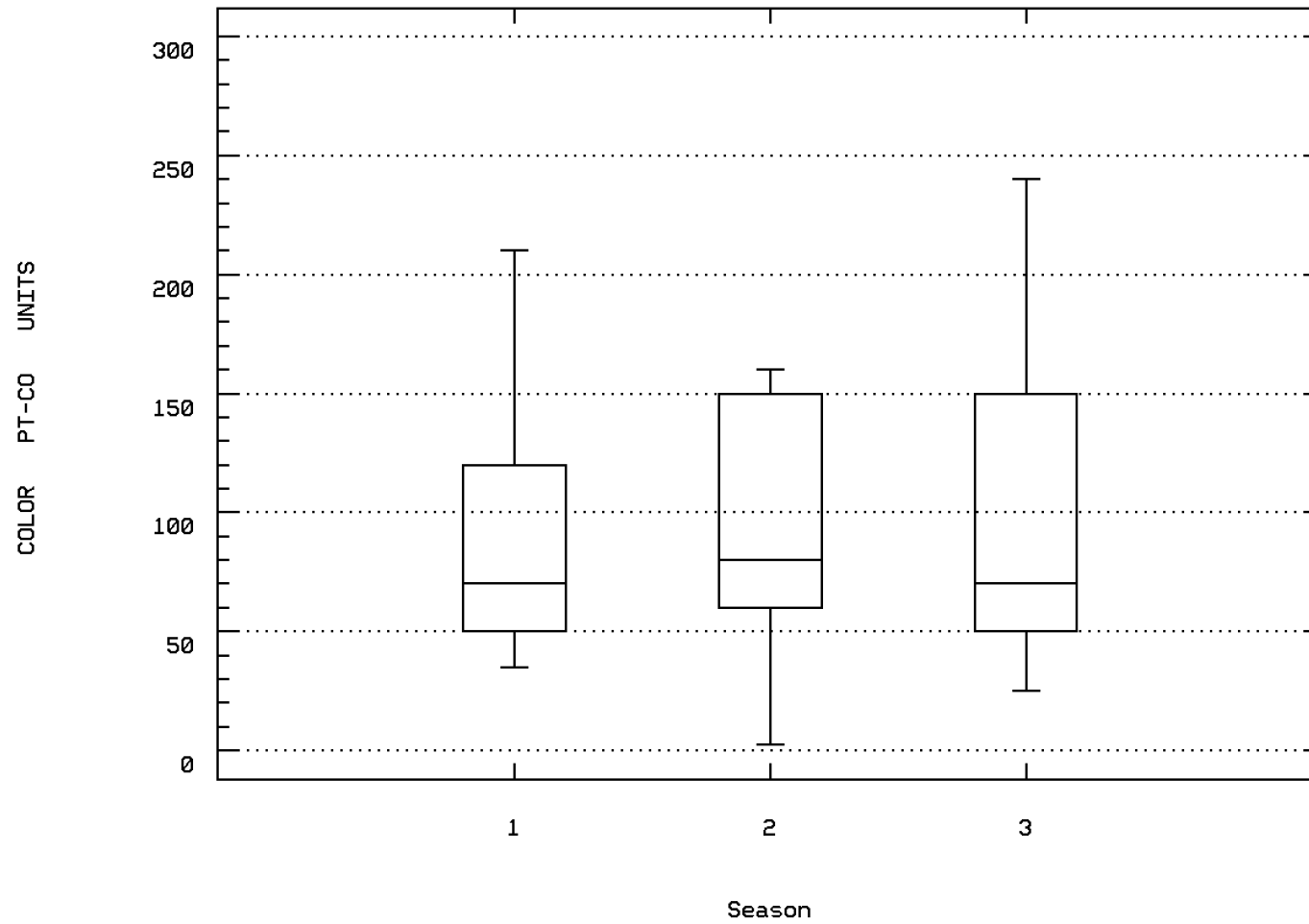
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/26/97	64	0.425	0.492	2.33	0.05	0.138	0.372	0.18	0.27	0.538	1.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/71-06/26/97	74	0.395	0.424	1.14	0.21	0.018	0.135	0.295	0.34	0.473	0.605
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/26/97	61	0.08	0.106	0.92	0.015	0.014	0.119	0.05	0.06	0.1	0.152
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/29/74-05/15/97	63	4.2	4.948	13.5	1.3	7.399	2.72	2.4	3.1	6.1	8.7
01027	CADMIUM, TOTAL (UG/L AS CD)	09/29/77-05/15/97	29 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/29/77-05/15/97	29 ##	25.	18.793	25.	5.	88.67	9.416	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	09/29/77-05/15/97	29 ##	25.	49.138	700.	5.	15934.052	126.23	5.	7.5	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	09/29/77-05/15/97	29	1200.	1224.138	2000.	410.	235096.552	484.868	600.	800.	1600.	2000.
01051	LEAD, TOTAL (UG/L AS PB)	09/29/77-05/15/97	29 ##	25.	34.828	70.	25.	236.576	15.381	25.	25.	50.	60.
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/77-05/15/97	28	70.	74.466	130.	0.06	798.446	28.257	47.5	60.	90.	120.
01067	NICKEL, TOTAL (UG/L AS NI)	09/29/77-05/15/97	29 ##	25.	34.138	250.	10.	1950.123	44.16	10.	10.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	09/29/77-05/15/97	29	50.	140.345	2400.	5.	190960.591	436.99	10.	25.	100.	140.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	8	1400.	3185.	10000.	80.	16460428.571	4057.145	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/11/68-03/29/96	8	3.136	3.053	4.	1.903	0.597	0.773	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1130.745								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	62	140.	612.226	9180.	8.	1824102.932	1350.594	26.5	51.	535.	1640.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/68-06/26/97	62	2.146	2.229	3.963	0.903	0.467	0.683	1.422	1.707	2.728	3.214
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			169.34								
34301	CHLOROBENZENE TOTWUG/L	05/25/89-03/27/97	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-06/16/94	10 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/76-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-06/16/94	10 ##	2.5	27.03	83.2	2.5	1152.636	33.95	2.5	2.5	64.9	82.45
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	12	32.1	55.192	250.	2.5	5166.717	71.88	2.5	2.5	84.85	207.13
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	12	100.8	155.767	680.	16.9	33131.179	182.02	20.83	49.65	210.2	557.
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-10/25/88	12 ##	2.5	14.567	53.8	2.5	348.252	18.661	2.5	2.5	33.2	48.82
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/23/77-10/25/88	12	0.2	0.224	0.93	0.02	0.059	0.244	0.029	0.055	0.248	0.75
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/23/77-06/16/94	14 ##	2.5	2.679	5.	2.5	0.446	0.668	2.5	2.5	2.5	3.75
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/23/77-06/16/94	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39407	TOXAPHENE IN FISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-06/16/94	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-06/16/94	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/23/77-10/25/88	12 ##	0.141	0.567	2.5	0.025	0.82	0.905	0.025	0.025	0.618	2.47
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-06/16/94	10 ##	2.5	4.5	12.5	2.5	17.778	4.216	2.5	2.5	5.	12.5
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/21/75-03/27/97	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-06/16/94	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900p	MERCURY, TOTAL (UG/L AS HG)	02/14/72-05/15/97	39 ##	0.2	0.392	3.4	0.1	0.432	0.657	0.1	0.1	0.4	1.2
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-12/03/96	19	0.3	0.348	1.18	0.1	0.076	0.276	0.1	0.125	0.57	0.6
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	15	1.2	1.175	2.6	0.4	0.446	0.668	0.412	0.5	1.4	2.36
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-06/16/94	10 ##	0.5	0.64	1.2	0.3	0.098	0.313	0.31	0.475	0.825	1.2
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	15	7.	10.474	22.	2.79	47.777	6.912	3.156	4.36	18.	20.8
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/23/77-06/16/94	15	0.6	0.749	2.9	0.05	0.517	0.719	0.08	0.11	1.	2.
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/23/77-06/16/94	15 ##	0.1	0.116	0.21	0.05	0.002	0.041	0.08	0.1	0.125	0.204
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/23/77-12/03/96	23	1.	1.043	2.	1.	0.043	0.209	1.	1.	1.	1.
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-06/16/94	10 ##	0.003	0.005	0.013	0.003	0.	0.004	0.003	0.003	0.005	0.013
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	04/30/73-06/26/97	71	0.3	1.025	50.	0.3	34.769	5.897	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0037 Parameter Code: 00080

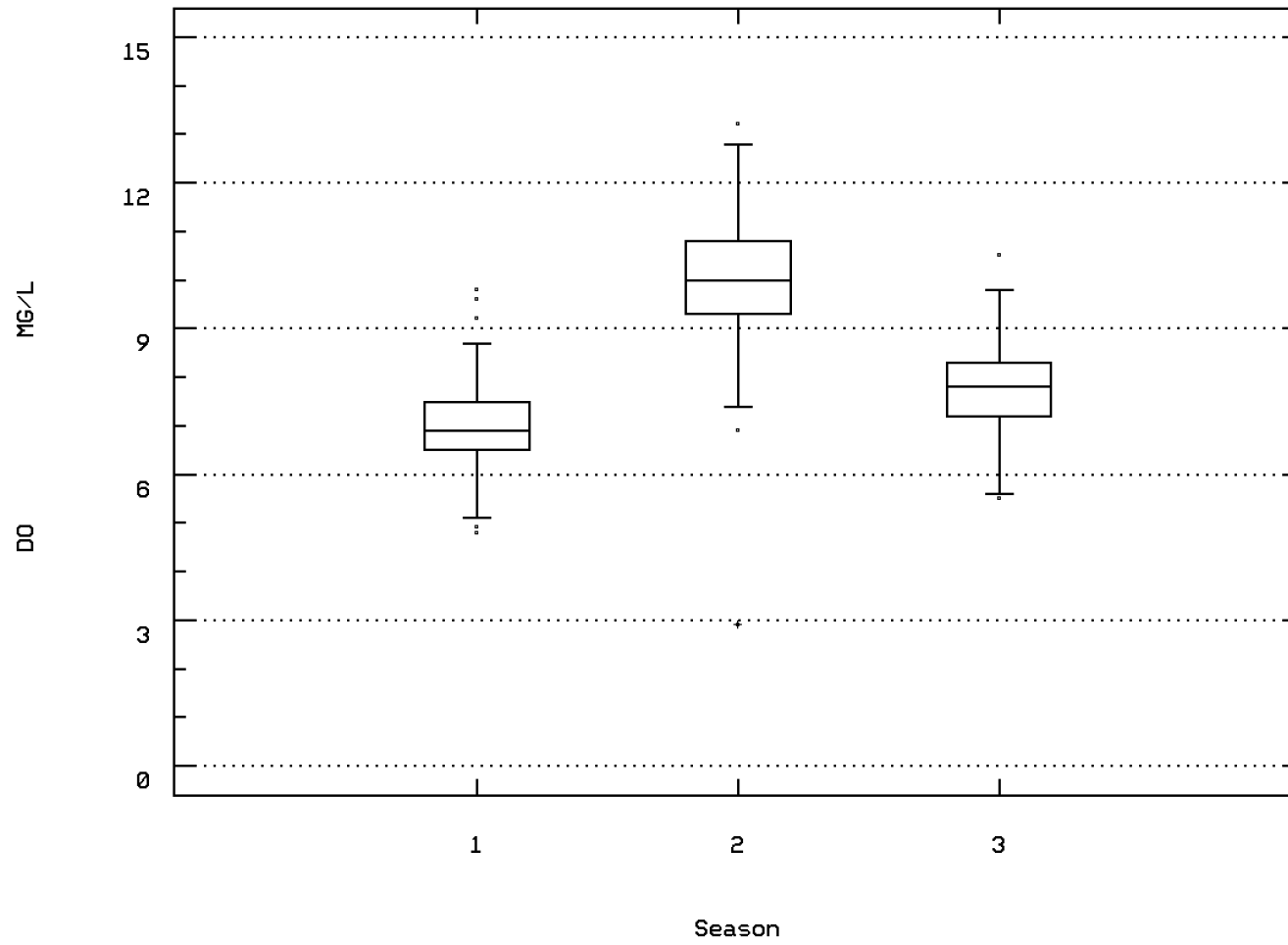
COLOR (PLATINUM-COBALT UNITS)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00300

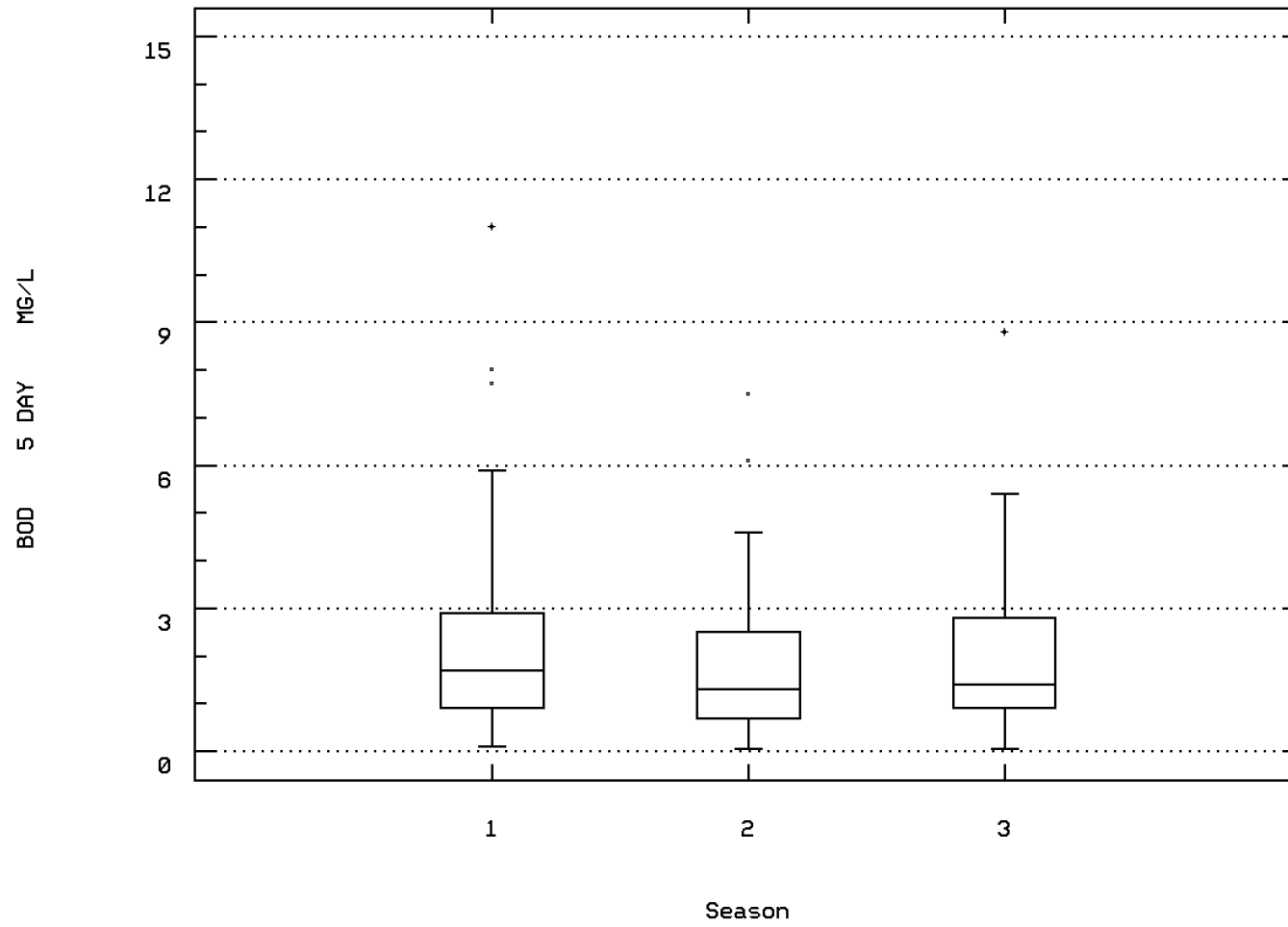
OXYGEN, DISSOLVED



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00310

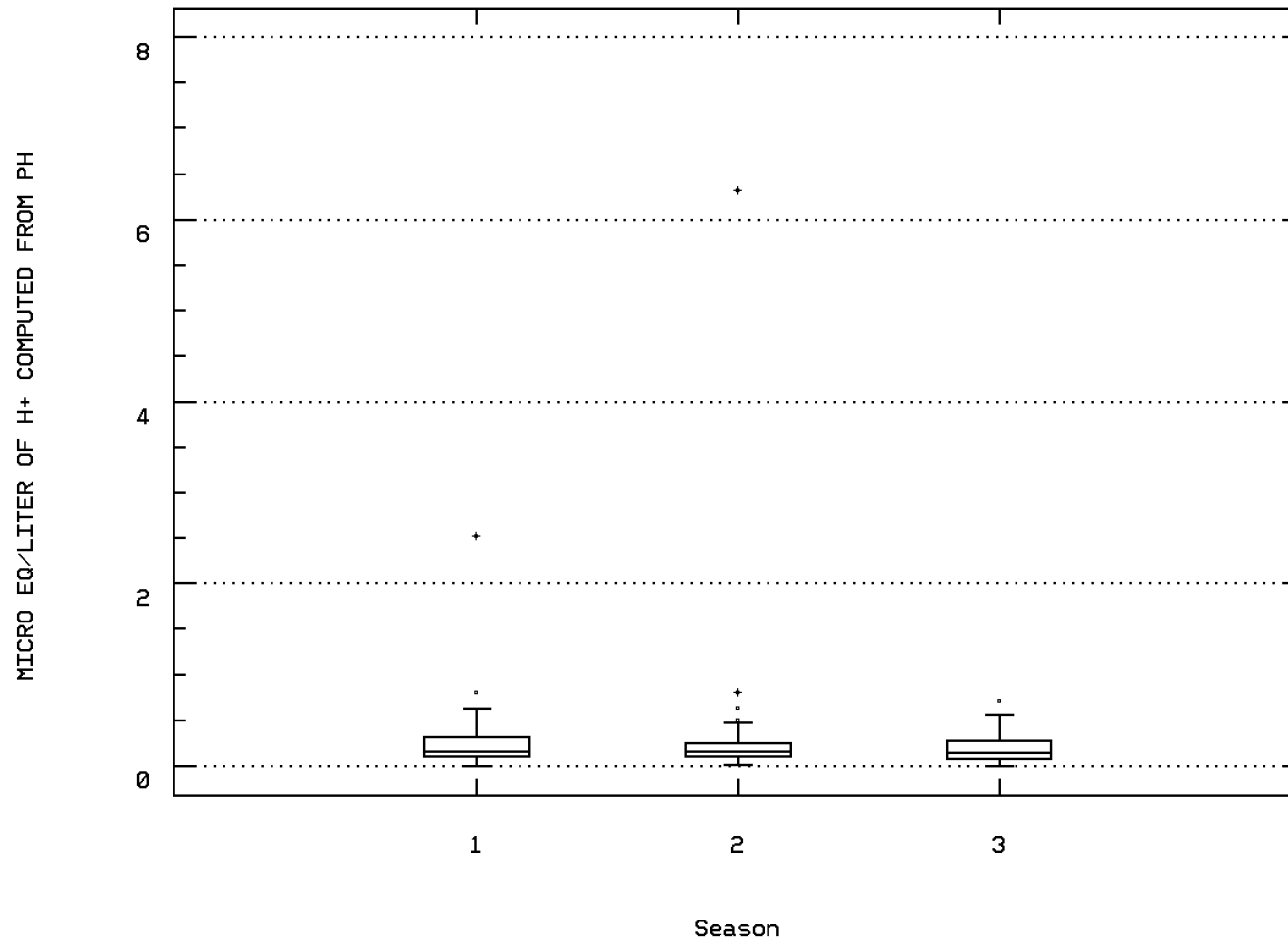
BOD, 5 DAY, 20 DEG C



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00400

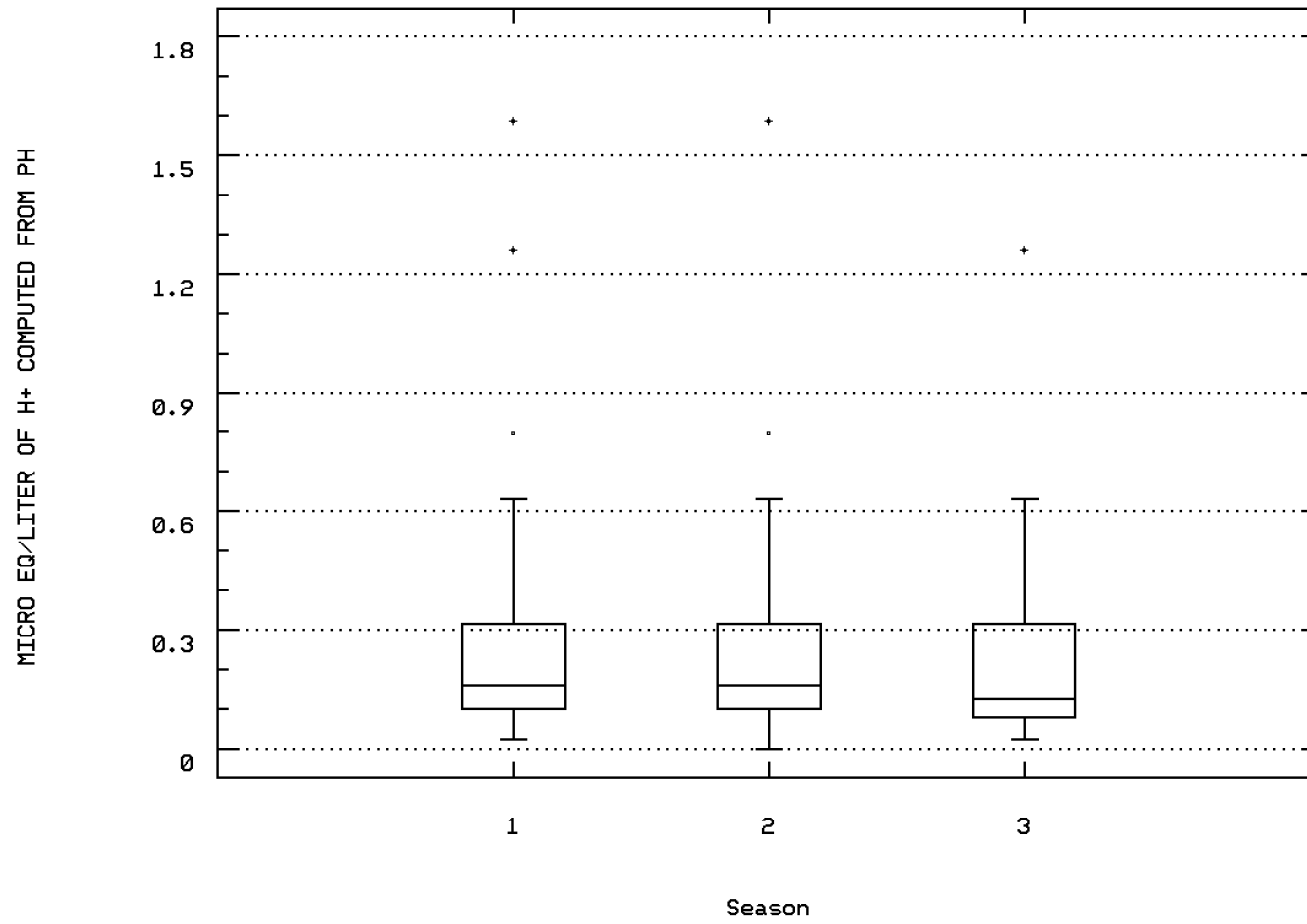
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00403

MICRO EQ/LITER OF H+ COMPUTED FROM PH

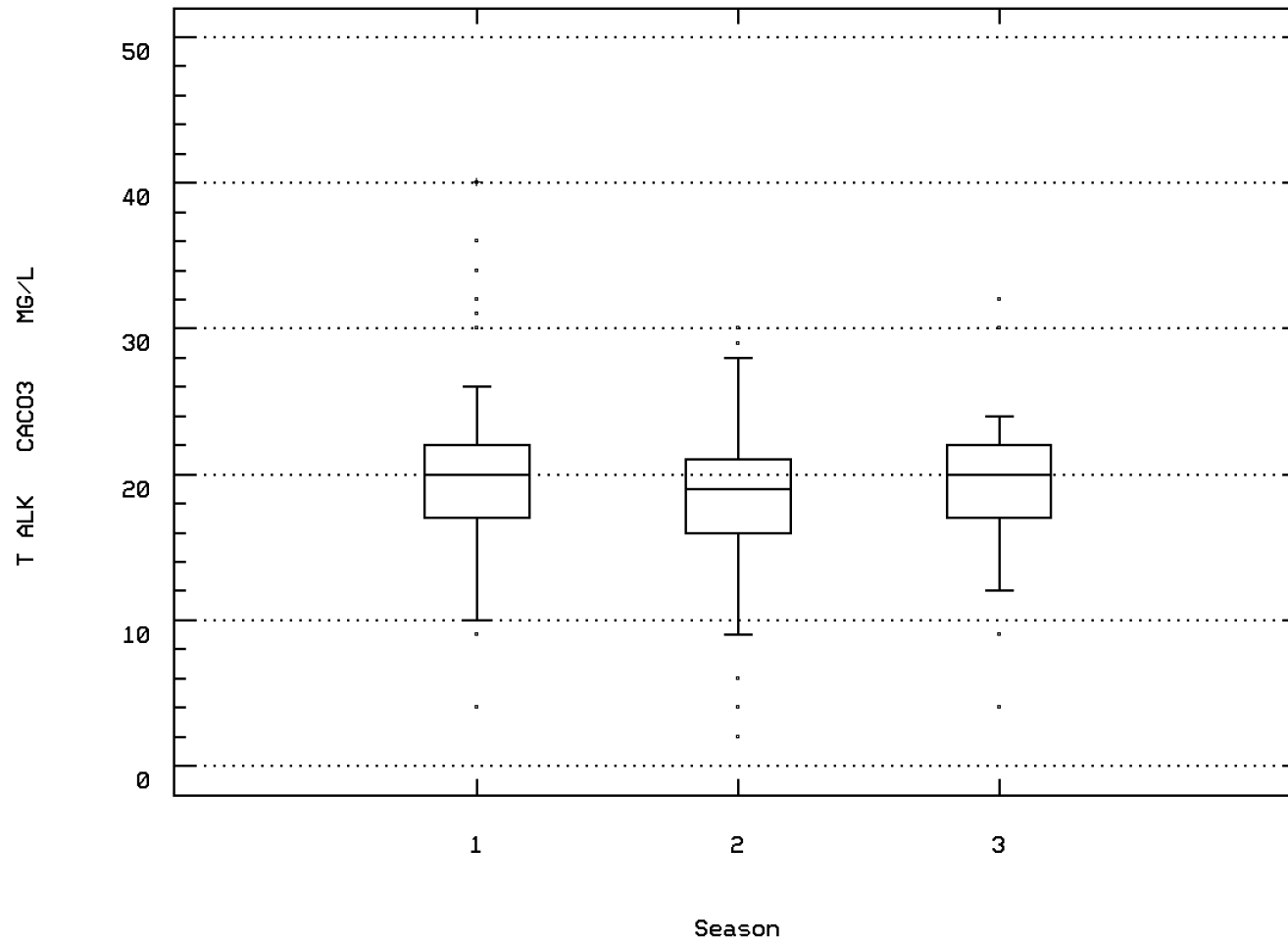


CONGAREE RVR AT US 601



Station: COSW0037 Parameter Code: 00410

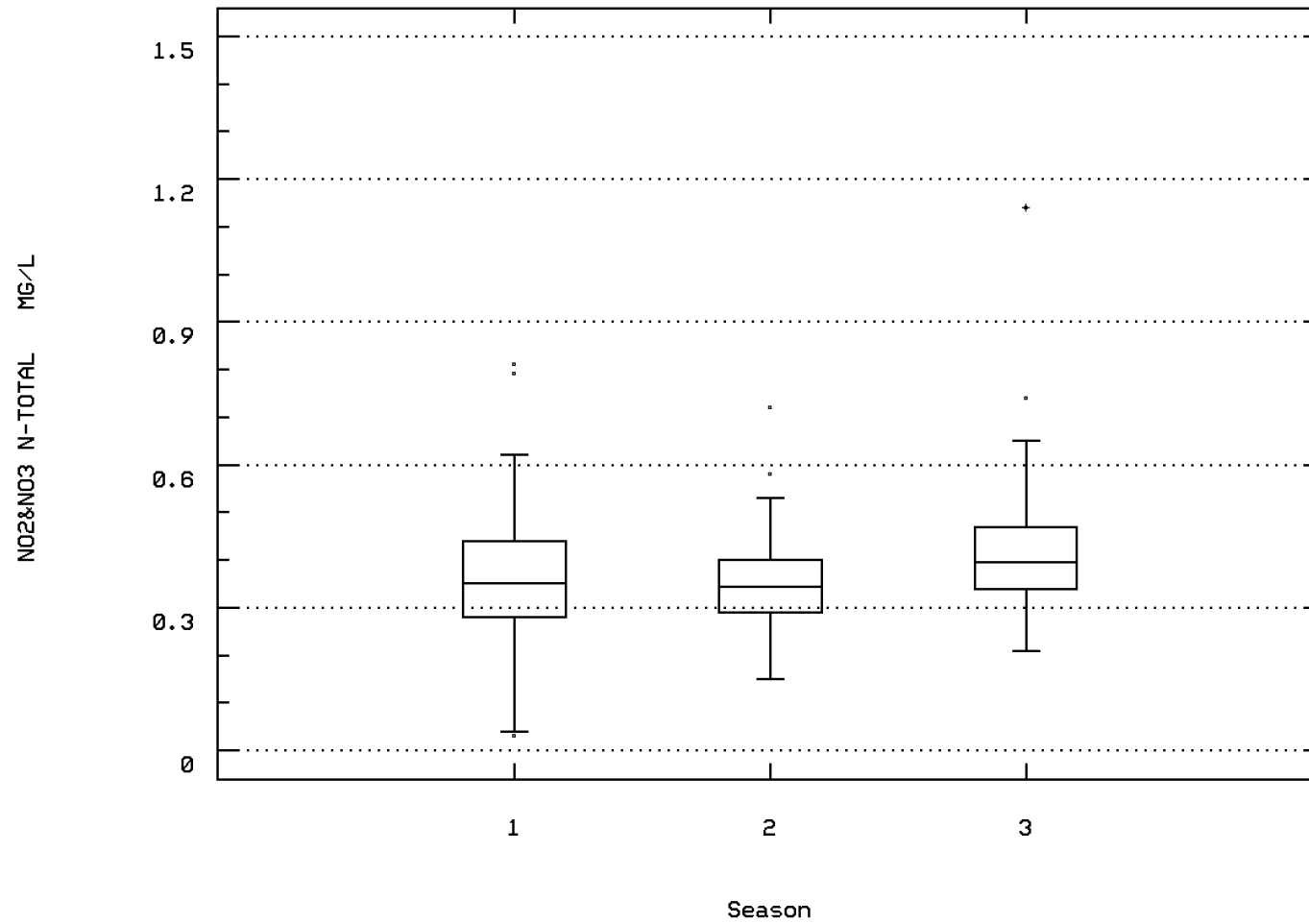
ALKALINITY, TOTAL (MG/L AS CaCO3)



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 00630

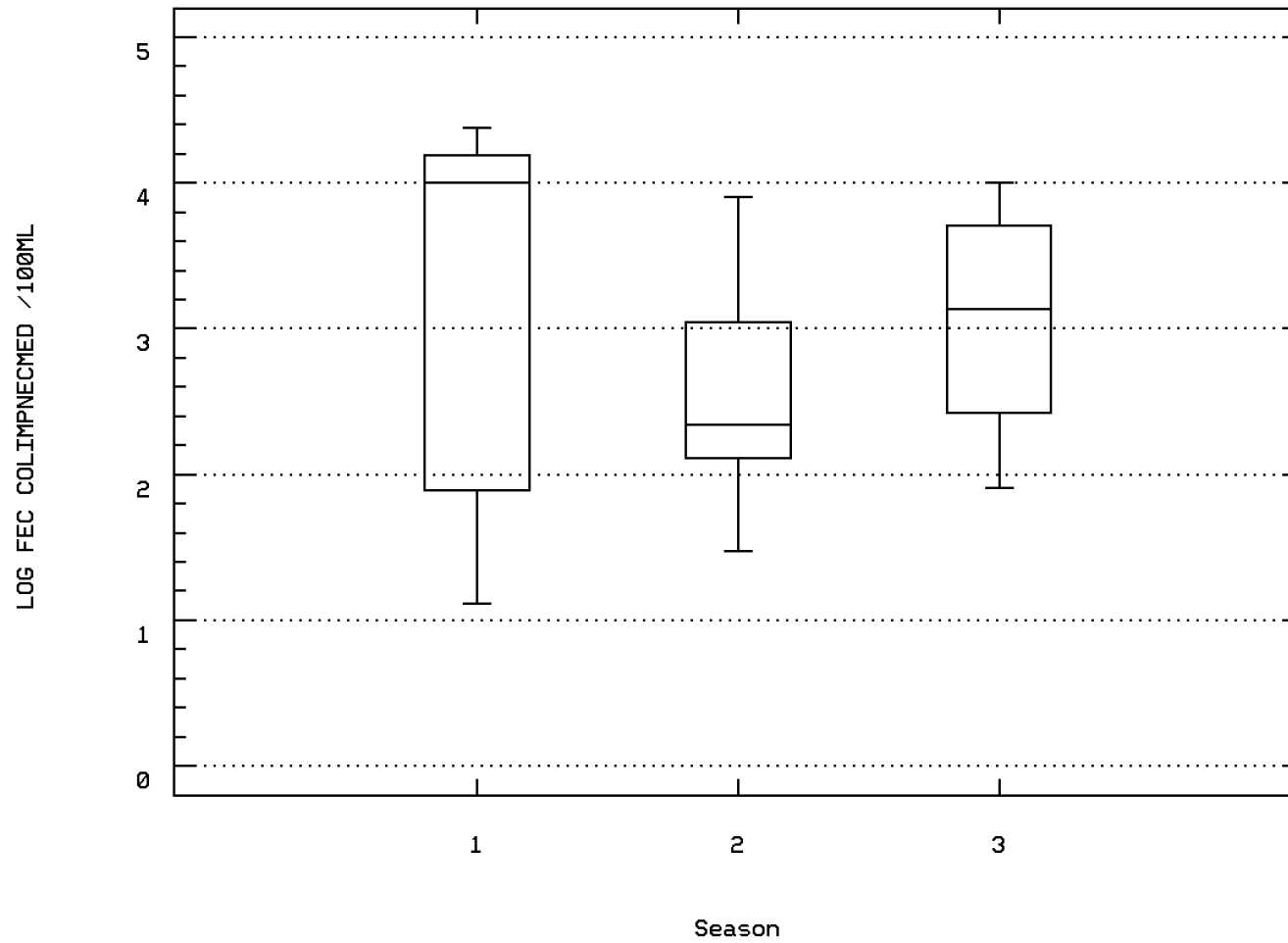
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 31615

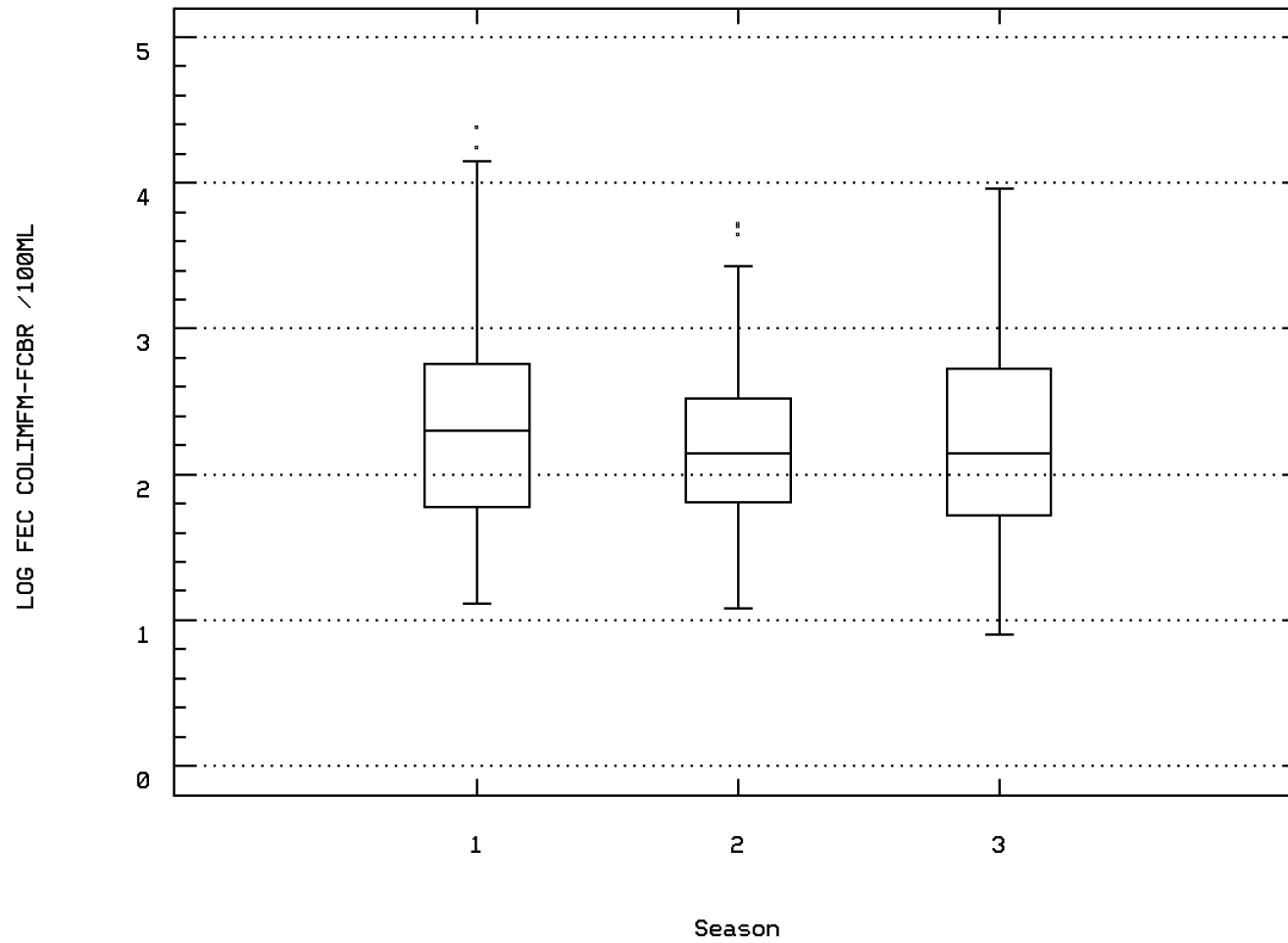
LOG FECAL COLIFORM,MPN,EC MED,44.5C <TU



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 31616

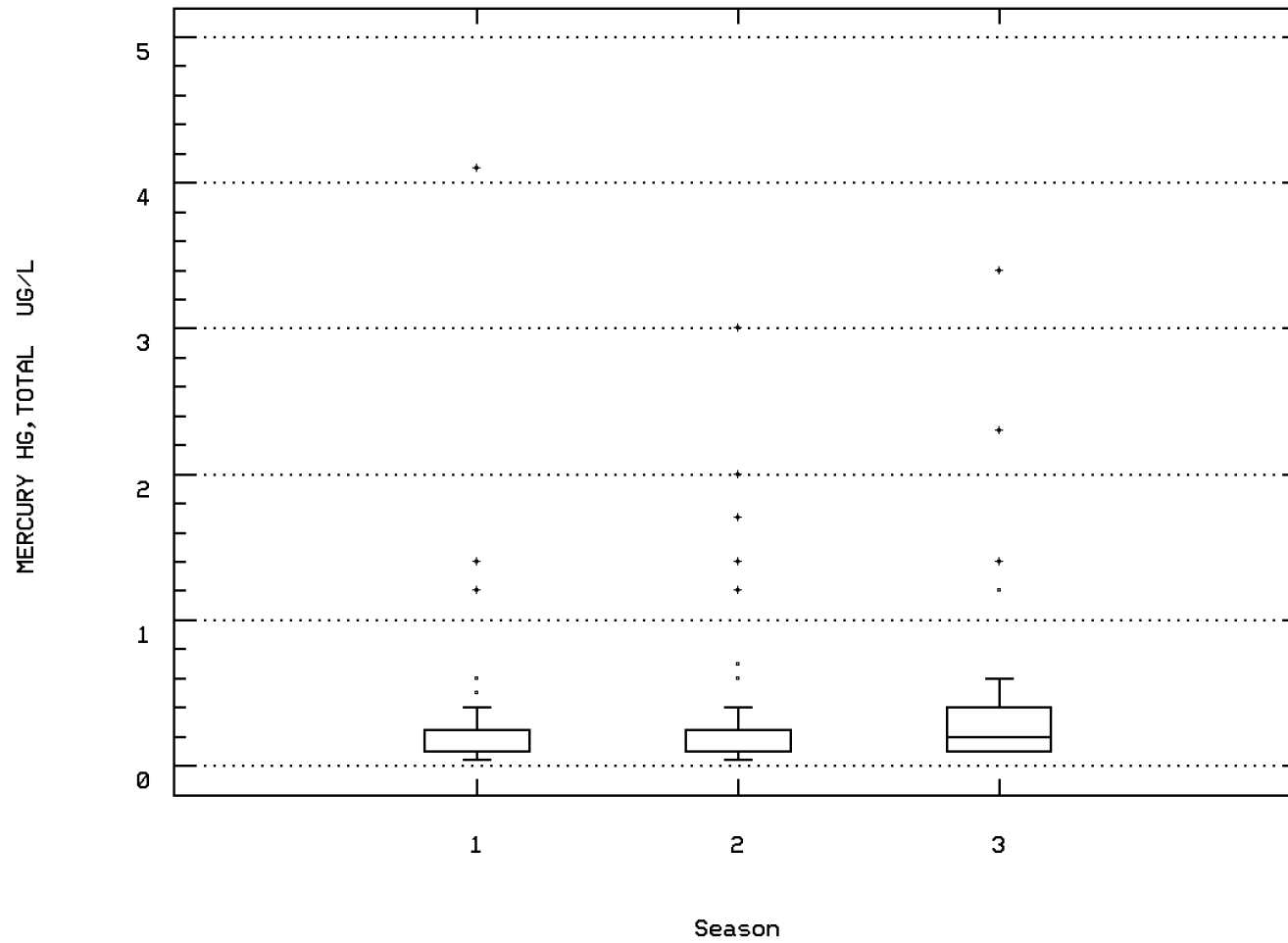
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



CONGAREE RVR AT US 601

Station: COSW0037 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



CONGAREE RVR AT US 601

## Station Inventory for Station: COSW0038

NPS Station ID: COSW0038 Location: CONGAREE RIVER AT HWY 601 BRIDGE Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RIVER RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON THE CONGAREE RIVER DIRECTLY BELOW THE HIGHWAY 601 BRIDGE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION; AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.	LAT/LON: 33.752559/ -80.644615  Depth of Water: 0 Elevation: 80  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_USGS_09 /CR2 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 06/28/97

On/Off RF1:  
On/Off RF3:

## Parameter Inventory for Station: COSW0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1409	17.5	17.534	27.5	7.	38.31	6.19	9.5	12.	22.5	26.
00200 LIGHT, INCIDENT 400-700NM, INTENSITY, UEINSTEINS/M2/S	02/22/96-03/11/97	854	141.3	388.403	2720.	0.	291615.495	540.014	4.085	25.74	524.8	1224.65
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1409	8.6	9.209	20.	4.9	4.067	2.017	6.9	7.7	10.5	11.2
00406 PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	46	6.87	6.817	7.34	5.35	0.114	0.338	6.465	6.655	7.063	7.135
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/22/96-03/11/97	46	6.87	6.58	7.34	5.35	0.171	0.414	6.465	6.655	7.063	7.135
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/96-03/11/97	46	0.135	0.263	4.467	0.046	0.414	0.643	0.073	0.087	0.221	0.343
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.029	0.036	0.097	0.017	0.	0.018	0.021	0.024	0.042	0.068
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.006	0.008	0.026	0.001	0.	0.006	0.001	0.004	0.01	0.018
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.48	0.455	0.82	0.1	0.018	0.133	0.302	0.385	0.53	0.58
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	02/22/96-11/06/96	72	0.5	0.456	0.8	0.1	0.019	0.138	0.3	0.4	0.5	0.6
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	72	0.03	0.042	0.17	0.009	0.001	0.031	0.02	0.023	0.05	0.067
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	97	1.5	1.803	5.3	0.1	1.447	1.203	0.48	0.95	2.5	3.72
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	49	-2.45	-2.669	-1.41	-8.3	1.523	1.234	-1.63	-1.845	-3.12	-4.24

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0038

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	1409	0	0.00	557	0	0.00	577	0	0.00	275	0	0.00			
	Other-Hi Lim.	9.	46	0	0.00	18	0	0.00	17	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	46	6	0.13	18	1	0.06	17	4	0.24	11	1	0.09			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0039

NPS Station ID: COSW0039      LAT/LON: 33.751948/ -80.645838

Location: Congaree River at US Highway 601 near Fort Motte

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE RIVER BASIN

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station located in Congaree River at US Highway 601 near Fort Motte      South Carolina. Station can be found on USGS 7.5' Wateree quadrangle. Data stored at this station were collected and analyzed in a report      titled: "Sources and Accumulation of Trace Metals in Sediments and the Asiatic Clam; Corbicula fluminea; in Two South Carolina Watersheds" by      Jeannie R. Pickett; South Carolina Dept. of Health and Environmental Control; USGS Award Number 14-08-0001-1735; Sampling Period March 1989- March 1991. This sampling station is one of two stations where the bioavailability of heavy metals to the freshwater clam from sediment and water column exposures as associated with surface water runoff within the Congaree and Wateree watersheds were determined. Data processed and uploaded to STORET by Scott S. Hermesen; National Park Service-Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins      Colorado 80525; (tel. 970 225-3516 fax. 970 225-9965).

Agency: 11NPSWRD

FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN

STORET Station ID(s): COSW\_JP\_CON

Within Park Boundary: No

Date Created: 03/22/97

Depth of Water: 0

Elevation: 75

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

On/Off RF1:

On/Off RF3:

### Parameter Inventory for Station: COSW0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/89-03/16/91	194	18.45	17.8	29.5	4.3	37.695	6.14	9.55	12.075	23.	25.4
00055 VELOCITY, STREAM FT/SEC	03/30/89-03/19/91	103	2.2	2.295	5.8	1.	0.578	0.76	1.5	1.8	2.6	3.16
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/22/89-03/16/91	208	8879.5	10332.74	59828.	1368.	60858737.778	7801.201	3248.4	5523.	12849.5	17903.8
00078 TRANSPARENCY, SECCHI DISC (METERS)	03/30/89-03/19/91	104	0.55	0.518	0.9	0.05	0.036	0.19	0.3	0.4	0.65	0.725
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/89-03/16/91	175	85.	83.874	120.	53.	114.8	10.714	69.	78.	90.	97.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/22/89-03/16/91	185	8.3	8.415	11.4	4.2	2.481	1.575	6.52	7.25	9.75	10.6
00406 PH, FIELD, STANDARD UNITS SU	03/22/89-03/16/91	187	6.9	6.814	7.2	5.5	0.055	0.234	6.5	6.7	7.	7.
00406 CONVERTED PH, FIELD, STANDARD UNITS	03/22/89-03/16/91	187	6.9	6.722	7.2	5.5	0.063	0.251	6.5	6.7	7.	7.
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/89-03/16/91	187	0.126	0.19	3.162	0.063	0.06	0.245	0.1	0.1	0.2	0.316
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/12/89-03/19/91	69	21.	19.739	23.	14.	6.372	2.524	15.	19.	21.	22.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/89-03/16/91	208	26.	29.817	91.	4.	302.691	17.398	11.	16.25	37.	55.1
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/89-03/19/91	69	5.4	5.786	9.8	2.7	3.304	1.818	3.4	4.45	6.85	8.5
00687 CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/12/89-02/28/91	66	20.885	20.705	34.304	11.243	13.22	3.636	16.092	18.141	22.43	24.48
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/89-03/19/91	69	16.	16.536	21.	13.	3.076	1.754	14.	15.	18.	19.
00916 CALCIUM, TOTAL (MG/L AS Ca)	05/12/89-03/19/91	69	3.8	3.816	5.1	2.7	0.265	0.515	3.	3.5	4.15	4.4
00927 MAGNESIUM, TOTAL (MG/L AS MG)	05/12/89-03/19/91	69	1.7	1.72	2.1	1.5	0.021	0.145	1.6	1.6	1.8	1.9
01027 CADMIUM, TOTAL (UG/L AS CD)	03/22/89-03/16/91	208 ##	0.05	0.162	0.7	0.05	0.026	0.161	0.05	0.05	0.3	0.4
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	1.	1.621	4.	1.	0.577	0.76	1.	1.	2.	3.
01029 CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	20.5	21.	43.	5.	86.123	9.28	10.	12.75	29.	34.3
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/22/89-03/16/91	208	2.	2.837	11.	0.5	4.331	2.081	0.5	2.	4.	5.
01042 COPPER, TOTAL (UG/L AS CU)	03/22/89-03/16/91	208	19.	21.558	57.	2.	108.335	10.408	11.	14.	26.	37.
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/12/89-02/28/91	66	24.	24.106	38.	16.	19.973	4.469	19.	21.	26.25	29.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: COSW0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	03/22/89-03/16/91	208	1250.	1384.962	4670.	590.	369483.786	607.852	780.	982.5	1600.	2100.
01051	LEAD, TOTAL (UG/L AS PB)	03/22/89-03/16/91	208	4.5	5.678	40.	0.5	27.577	5.251	1.85	3.	7.	10.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/12/89-02/28/91	66	26.	27.061	43.	6.	54.612	7.39	20.	22.	31.	38.3
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/12/89-02/28/91	66	1480.	1433.485	2300.	730.	139841.515	373.954	825.	1197.5	1697.5	1895.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/22/89-03/16/91	208	100.	126.683	490.	50.	5842.565	76.437	50.	70.	150.	231.
01067	NICKEL, TOTAL (UG/L AS NI)	03/22/89-03/16/91	208	2.	3.118	16.	0.5	8.338	2.887	0.5	0.5	4.	7.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	05/12/89-02/28/91	66	12.	12.591	25.	6.	22.615	4.755	7.	8.	16.	19.
01092	ZINC, TOTAL (UG/L AS ZN)	03/22/89-03/16/91	208	20.	26.418	120.	5.	538.438	23.204	5.	5.	30.	60.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/12/89-02/28/91	66	62.5	72.121	250.	21.	2087.862	45.693	30.7	51.75	78.25	102.
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/22/89-03/16/91	208	700.	823.606	2700.	100.	315985.486	562.126	300.	400.	1000.	1800.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/12/89-02/28/91	66	9500.	10175.606	38000.	2000.	54765741.935	7400.388	3310.	4750.	12250.	20600.
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/12/89-02/28/91	66	23600.	24961.364	47300.	3450.	90309291.958	9503.12	11870.	18375.	34025.	37120.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/30/89-03/19/91	102	3.36	3.979	13.6	1.28	5.253	2.292	1.989	2.338	4.908	6.291
46529	PRECIPITATION (INCHES)	03/22/89-03/16/91	208	0.065	0.3	4.73	0.	0.353	0.594	0.	0.	0.38	0.802
70304	SOLIDS, TOTAL DISSOLVED-COND. METER (MG/L)	03/22/89-03/16/91	208	62.	64.317	126.	40.	236.092	15.365	48.	54.	70.	84.
71900	MERCURY, TOTAL (UG/L AS HG)	03/22/89-03/16/91	208	0.4	0.446	2.	0.05	0.076	0.275	0.2	0.2	0.5	0.9
71921	MERCURY, TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/12/89-06/25/90	42	0.4	0.397	1.2	0.08	0.054	0.232	0.13	0.2	0.5	0.67
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/30/89-03/19/91	104	23.5	34.413	177.	8.	927.449	30.454	13.	18.	38.	63.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0039

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	185	0	0.00	71	0	0.00	67	0	0.00	47	0	0.00		
00406	PH, FIELD	Other-Hi Lim.	9.	187	0	0.00	70	0	0.00	68	0	0.00	49	0	0.00		
		Other-Lo Lim.	6.5	187	28	0.15	70	17	0.24	68	6	0.09	49	5	0.10		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	5.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	208	126	0.61	79	53	0.67	77	39	0.51	52	34	0.65		
		Drinking Water	1300.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	15.	208	10	0.05	79	0	0.00	77	8	0.10	52	2	0.04		
01067	NICKEL, TOTAL	Fresh Acute	1400.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	100.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	208	1	0.00	79	1	0.01	77	0	0.00	52	0	0.00		
		Drinking Water	5000.	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	208	0	0.00	79	0	0.00	77	0	0.00	52	0	0.00		
		Drinking Water	2.	208	1	0.00	79	0	0.00	77	0	0.00	52	1	0.02		
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	104	14	0.13	40	4	0.10	38	7	0.18	26	3	0.12		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0040

NPS Station ID: COSW0040  
Location: CONGAREE R DWNSTRM HW 601 BRDG  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER(C-107)  
RF1 Index: 03050110001  
RF3 Index: 03050110002702.07  
Description:

LAT/LON: 33.752781/ -80.645838  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 3.220  
RF3 Mile Point: 2.06

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-20CR  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

Date Created: 12/03/76  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

# Station Inventory for Station: COSW0041

NPS Station ID: COSW0041	LAT/LON: 33.751948/ -80.645838	Agency: 112WRD	Date Created: / /
Location: CONGAREE RIVER AT U.S. HWY 601 NR. FORT MOTTE		FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): 02169750	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body ID:	
Minor Basin:		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 03050110002303.15	RF3 Mile Point: 3.30	Distance from RF3: 0.01	On/Off RF3:
Description:			
SAMPLED BY USGS. FIELD ANALYSIS BY USGS. OTHER COOPERATING AGENCIES: FWPCA. STATION LOCATION: 4.5 MI S ON HWY 601 FROM SOUTHERN RR, 1.3 MI. N E OF FORT MOTTE ON RT 601, AND 15.1 MI UPSTREAM FROM CALHOUN, ORANGE- BURG COUNTY LINE. NEAREST GAGING STATION: ON CONGAREE R AT COLUMBIA, S. C. ON RIGHT BANK AT COLUMBIA, RICHLAND CO, 1000 FT DOWNSTREAM FROM GERVAIS STREET BRIDGE AND 1.4 MI DOWNSTREAM FROM CONFLUENCE OF BROAD AND SALUDA RIVER. DRAINAGE AREA ABOVE GAGING STATION, 7850 SQ MILES. PERIOD OF RECORD: OCT 1939 TO DATE.			

## Parameter Inventory for Station: COSW0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/69-07/21/72	35	20.	17.509	29.5	6.4	40.913	6.396	8.16	12.5	22.5	26.
00060 FLOW, STREAM, MEAN DAILY CFS	07/25/69-06/16/72	32	7800.	9618.75	25000.	4630.	22080262.903	4698.964	4809.	6067.5	12375.	16000.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/69-07/21/72	27	72.	73.556	100.	53.	61.256	7.827	65.8	70.	78.	80.
00300 OXYGEN, DISSOLVED MG/L	10/01/69-07/21/72	27	9.6	9.1	11.6	7.	1.761	1.327	7.42	7.9	10.2	10.92
00400 PH (STANDARD UNITS)	10/01/69-07/21/72	27	7.	7.	7.4	6.6	0.058	0.24	6.6	6.8	7.2	7.4
00400 CONVERTED PH (STANDARD UNITS)	10/01/69-07/21/72	27	7.	6.937	7.4	6.6	0.062	0.249	6.6	6.8	7.2	7.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/69-07/21/72	27	0.1	0.116	0.251	0.04	0.004	0.064	0.04	0.063	0.158	0.251
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/25/69-12/17/70	10	0.045	0.048	0.13	0.	0.002	0.039	0.001	0.01	0.073	0.125
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/19/70-01/19/70	1	12600.	12600.	12600.	12600.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	01/19/70-01/19/70	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12600.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/70-07/21/72	16	3900.	4746.938	12200.	500.	15071130.063	3882.155	678.5	1200.	8017.5	11360.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/70-07/21/72	16	3.591	3.496	4.086	2.699	0.203	0.45	2.824	3.079	3.902	4.055
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3130.976								
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/25/69-12/17/70	10	1.	1.04	2.2	0.5	0.227	0.477	0.51	0.675	1.15	2.11

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0041

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	27	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						8	0	0.00	11	0	0.00	8	0	0.00			
00400 PH	Other-Hi Lim.	9.	27	0	0.00	8	0	0.00	11	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	27	0	0.00	8	0	0.00	11	0	0.00	8	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: COSW0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	16	1.00	5	5	1.00	5	5	1.00	6	6	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	10	0	0.00	5	0	0.00	4	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0042

NPS Station ID: COSW0042  
 Location: CONGAREE RIVER  
 Station Type: /TYP/A/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CATAWBA-WATEREE CONGAREE S-COOPER RESERV  
 RF1 Index: 03050110001  
 RF3 Index: 03050110060300.42  
 Description:

LAT/LON: 33.755004/ -80.651670

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 3.940  
 RF3 Mile Point: 0.52

Agency: 21SCPEPC  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): SC8  
 Within Park Boundary: No

Date Created: 10/06/79

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: OFF  
 On/Off RF3:

PESTICIDE AND PCB LEVELS IN FISH TISSUE-SOUTH CAROLINA WATERS-1974-1976 SOUTH CAROLINA DEPT.OF HEALTH AND ENVIRONMENTAL CONTROL-E.C.ALDRIIDGE III

### Parameter Inventory for Station: COSW0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34258 B-BHC-BETA WET WGT TISM/G/KG	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34680 ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34685 ENDRIN WET WGT TISM/G/KG	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39074 BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39290 DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	06/15/74-06/15/75	6	0.007	0.016	0.07	0.002	0.001	0.026	**	**	**	**
39404 DIELDRIN IN TISSUE WET WGT (UG/G)	06/15/74-06/15/75	4	0.003	0.01	0.03	0.002	0.	0.014	**	**	**	**
39407 TOXAPHENE IN FISH OR ANIMAL (UG/KG WET WEIGHT)	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39785 GAMMA-BHC(LINDANE), TISSUE, WET WEIGHT, MG/KG	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312 POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/15/75-06/15/75	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81614 NUMBER OF INDIVIDUALS IN THE SAMPLE	06/15/74-06/15/75	6	1.	1.	1.	1.	0.	0.	**	**	**	**
81644 METHOXYCHLOR IN FISH TISSUE, UG/G WET WEIGHT	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81896 DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/15/74-06/15/75	6	0.037	0.051	0.176	0.002	0.004	0.065	**	**	**	**
81897 DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/15/74-06/15/75	6	0.025	0.034	0.105	0.002	0.002	0.039	**	**	**	**
81898 TRITHION IN TISSUE WET WEIGHT MG/KG	06/15/75-06/15/75	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0043

NPS Station ID: COSW0043  
 Location: CONGAREE R AT BRDG ON U.S. 601  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110045  
 RF3 Index: 03050110020700.00  
 Description:

LAT/LON: 33.750005/ -80.666671

Depth of Water: 999  
 Elevation: 0

RF1 Mile Point: 0.640  
 RF3 Mile Point: 0.02

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): XC-007  
 Within Park Boundary: No

Date Created: 03/11/77

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.30  
 Distance from RF3: 0.32

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-06/20/77	5	25.	25.2	26.	24.	0.7	0.837	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/19/76-06/20/77	5	6.8	6.92	7.8	6.2	0.347	0.589	**	**	**	**
00400 PH (STANDARD UNITS)	07/19/76-06/20/77	5	7.2	7.2	7.5	7.	0.045	0.212	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/19/76-06/20/77	5	7.2	7.161	7.5	7.	0.047	0.216	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-06/20/77	5	0.063	0.069	0.1	0.032	0.001	0.03	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/23/77-06/20/77	3	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0043

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00				3	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0044

NPS Station ID: COSW0044	LAT/LON: 33.760309/ -80.686004	Agency: 11NPSWRD	Date Created: 06/28/97
Location: DEVIL'S ELBOW		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYP/A/AMBNT/STREAM		STORET Station ID(s): COSW_USGS_12 /DEVILS ELBOW	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 90	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON THE DEVIL'S ELBOW WHICH IS AN OXBOW MEANDER ON THE CONGAREE RIVER NEAR THE GOODIN CEMETERY. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION; AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-02/27/97	225	12.	14.768	29.	8.	36.245	6.02	9.	10.	21.5	24.4
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/22/96-02/27/97	165	67.54	232.85	2555.	0.	155126.441	393.861	1.786	9.265	271.1	696.84
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-02/27/97	236	10.2	9.453	18.6	0.1	10.336	3.215	5.	7.7	11.2	11.6
00406 PH, FIELD, STANDARD UNITS SU	02/22/96-02/27/97	13	7.09	7.094	8.1	6.26	0.294	0.542	6.292	6.795	7.355	8.06
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/22/96-02/27/97	13	7.09	6.834	8.1	6.26	0.367	0.606	6.292	6.795	7.355	8.06
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/96-02/27/97	13	0.081	0.147	0.55	0.008	0.028	0.167	0.009	0.047	0.16	0.513
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	18	0.026	0.029	0.059	0.009	0.	0.016	0.012	0.014	0.044	0.054
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	18	0.006	0.006	0.014	0.001	0.	0.003	0.002	0.004	0.009	0.01
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-10/30/96	18	0.18	0.259	0.52	0.003	0.033	0.182	0.005	0.113	0.413	0.52
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-10/30/96	18	0.2	0.262	0.5	0.004	0.03	0.174	0.006	0.1	0.4	0.5
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-10/30/96	18	0.015	0.028	0.13	0.001	0.002	0.039	0.003	0.006	0.033	0.13
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-01/29/97	24	14.85	19.117	52.	0.9	237.	15.395	1.45	7.425	31.95	46.45
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-02/27/97	13	-3.19	-3.183	-1.62	-6.38	1.416	1.19	-1.856	-2.405	-3.785	-5.4

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0044

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	236	17	0.07	39	11	0.28	153	0	0.00	44	6	0.14			
	Other-Hi Lim.	9.	13	0	0.00	4	0	0.00	6	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	13	2	0.15	4	0	0.00	6	2	0.33	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	18	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	18	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	18	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: COSW0045

NPS Station ID: COSW0045	LAT/LON: 33.790392/ -80.686170	Agency: 11NPSWRD	Date Created: 06/28/97
Location: RUNNING LAKE AT SOUTHERN RAILROAD		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_USGS_03 /RL	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 90	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS WHERE THE SOUTHERN RAILROAD CROSSES OVER RUNNING LAKE WHICH IS APPROXIMATELY A HALF MILE SOUTH OF BLUE HOLE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0045

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/21/96-02/13/97	338	22.	19.155	28.5	5.5	45.413	6.739	8.5	12.5	25.	26.5
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/21/96-02/13/97	255	131.5	285.757	1904.	3.01	131471.937	362.591	22.928	55.89	346.6	828.98
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/21/96-02/13/97	338	4.5	4.422	10.	0.1	7.49	2.737	0.8	1.9	6.8	8.2
00406 PH, FIELD, STANDARD UNITS SU	02/21/96-02/13/97	33	6.25	6.294	7.2	5.03	0.143	0.378	5.9	6.08	6.56	6.682
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/21/96-02/13/97	33	6.25	6.078	7.2	5.03	0.191	0.437	5.9	6.08	6.56	6.682
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/21/96-02/13/97	33	0.562	0.836	9.333	0.063	2.443	1.563	0.209	0.276	0.832	1.267
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	46	0.059	0.07	0.335	0.013	0.003	0.057	0.019	0.032	0.098	0.129
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	46	0.004	0.004	0.016	0.001	0.	0.002	0.002	0.003	0.004	0.006
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/96-11/07/96	46	0.105	0.13	0.38	0.	0.01	0.101	0.003	0.068	0.185	0.283
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/96-11/07/96	46	0.1	0.137	0.4	0.004	0.012	0.11	0.007	0.078	0.2	0.3
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/21/96-11/07/96	46	0.02	0.025	0.14	0.002	0.001	0.03	0.007	0.01	0.03	0.043
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/21/96-02/13/97	64	1.6	6.921	99.2	0.	262.882	16.214	0.3	0.625	3.225	27.85
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/21/96-02/13/97	33	-3.06	-3.486	-1.54	-6.8	1.518	1.232	-2.14	-2.805	-3.975	-5.678

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0045

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	338	154	0.46	153	91	0.59	87	0	0.00	98	63	0.64			
	Other-Hi Lim.	9.	33	0	0.00	13	0	0.00	10	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	33	23	0.70	13	10	0.77	10	7	0.70	10	6	0.60			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	46	0	0.00	24	0	0.00	2	0	0.00	20	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	46	0	0.00	24	0	0.00	2	0	0.00	20	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	46	0	0.00	24	0	0.00	2	0	0.00	20	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0046

NPS Station ID: COSW0046

Location: CSNM near lower boundary near Gadsden

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located in CSNM near lower boundary near Gadsden South Carolina. Station can be found on USGS Wateree 7.5 quadrangle.

Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area

of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey

Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1

1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National

Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201

Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.768059/ -80.700838

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW GS MSC3

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	29000.	29000.	29000.	29000.	0.	0.	**	**	**	**

\*\*- Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0047

NPS Station ID: COSW0047 Location: Running Lake at CSNM boundary near Gadsden Station Type: /TYP/AMBNT/LAKE RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Running Lake at CSNM Boundary near Gadsden South Carolina. Station can be found on USGS Wateree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.786392/ -80.701671           Depth of Water: 0 Elevation: 0   RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_RL1 Within Park Boundary: Yes   Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
  
  
  
  
 On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/04/86-06/04/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0048

NPS Station ID: COSW0048 Location: McKenzie Creek at S-40-489 near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on McKenzie Creek at S-40-489 near Gadsden South Carolina. Station can be found on USGS Wateree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.810004/ -80.705003  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_MKC1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/86-06/02/86	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/02/86-06/02/86	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/02/86-06/02/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/86-06/02/86	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/86-06/02/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/86-06/02/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/02/86-06/02/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/86-06/02/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/86-06/02/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/86-06/02/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/02/86-06/02/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/02/86-06/02/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/86-06/02/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/02/86-06/02/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/86-06/02/86	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0049

NPS Station ID: COSW0049	LAT/LON: 33.838615/ -80.705837	Agency: 11NPSWRD	Date Created: 03/08/97
Location: McKenzie Creek at State Highway 48 near Gadsden		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_GS_MKC2	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: CONGAREE		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:

Description:  
 Station is located on McKenzie Creek at State Highway 48 near Gadsden South Carolina. Station can be found on USGS Wateree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/02/86-06/02/86	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/02/86-06/02/86	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/02/86-06/02/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/02/86-06/02/86	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/02/86-06/02/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/02/86-06/02/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/02/86-06/02/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/02/86-06/02/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/02/86-06/02/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/02/86-06/02/86	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/02/86-06/02/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/02/86-06/02/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/02/86-06/02/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/02/86-06/02/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/02/86-06/02/86	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0050

NPS Station ID: COSW0050

Location: LOWER TOM'S CREEK AT CONGAREE RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE RIVER

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

LAT/LON: 33.768616/ -80.714310

Depth of Water: 0

Elevation: 90

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_USGS\_02 /TC2

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 06/28/97

On/Off RF1:

On/Off RF3:

THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON LOWER TOM'S CREEK RIGHT WHERE IT ENTERS THE CONGAREE RIVER (LOWER TOM'S CREEK IS CALLED CEDAR CREEK HERE). DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.

Parameter Inventory for Station: COSW0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	840	18.	16.984	27.5	5.	37.329	6.11	9.5	11.55	21.5	25.4
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/22/96-03/11/97	547	33.84	138.788	2046.	0.	71819.605	267.992	2.032	8.69	132.1	387.52
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	840	7.9	8.158	20.	4.5	5.644	2.376	5.4	6.2	10.2	11.
00406 PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	48	6.545	6.508	7.53	5.29	0.187	0.433	5.918	6.28	6.743	6.976
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/22/96-03/11/97	48	6.545	6.246	7.53	5.29	0.257	0.507	5.918	6.28	6.742	6.976
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/96-03/11/97	48	0.285	0.567	5.129	0.03	0.96	0.98	0.106	0.181	0.525	1.208
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.051	0.052	0.111	0.024	0.	0.02	0.03	0.036	0.063	0.084
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.005	0.006	0.016	0.001	0.	0.003	0.002	0.004	0.007	0.011
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.29	0.288	0.58	0.01	0.021	0.146	0.05	0.183	0.395	0.47
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	72	0.3	0.3	0.6	0.02	0.023	0.15	0.05	0.2	0.4	0.5
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	72	0.02	0.03	0.15	0.004	0.001	0.033	0.007	0.01	0.03	0.06
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	97	0.8	1.08	4.2	0.	0.665	0.815	0.2	0.5	1.45	2.2
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	49	-2.89	-2.963	-0.49	-6.2	0.985	0.992	-2.01	-2.345	-3.395	-3.96

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0050

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	840	0	0.00	339	0	0.00	352	0	0.00	149	0	0.00			
	Other-Hi Lim.	9.	48	0	0.00	18	0	0.00	18	0	0.00	12	0	0.00			
	Other-Lo Lim.	6.5	48	19	0.40	18	9	0.50	18	6	0.33	12	4	0.33			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0051

NPS Station ID: COSW0051	LAT/LON: 33.811392/ -80.725004	Agency: 11NPSWRD	Date Created: 03/08/97
Location: Toms Creek below S-40-489 near Gadsden		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYP/A/AMBNT/STREAM		STORET Station ID(s): COSW_GS_TC1	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: CONGAREE		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:

### Description:

Station is located on Toms Creek at S-40-489 near Gadsden South Carolina Station can be found on USGS Wateree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/04/86-06/04/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	1	6900.	6900.	6900.	6900.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0052

NPS Station ID: COSW0052

Location: Toms Creek Off Bridge West of Kingville

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE RIVER BASIN

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located in Toms Creek off bridge west of Kingville South Carolina. Station can be found on USGS 7.5' Wateree quadrangle.

Data stored at this station were collected and analyzed in a report titled: "A Water Quality Study at the Congaree Swamp National Monument of Myers Creek; Reeves Creek and Toms Creek" by Michael Rikard; National Park Service; Cape Lookout National Seashore; Morehead City North Carolina; November 1991. This station is one of three sampling stations where basic water quality parameters and dissolved metals were analyzed within these streams for a period from May 6 1988 to June 30 1990. The purpose of the study was to develop and initiate a water quality monitoring program on the three creeks. Data processed and uploaded to STORET by Scott S. Hermsen; National Park Service-Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins Colorado 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.811531/ -80.725226

Depth of Water: 0

Elevation: 95

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_MR\_TC

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	24	17.5	16.833	26.	5.	37.797	6.148	7.5	12.	22.75	24.5
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	24	25.	26.292	55.	20.	67.433	8.212	20.	20.	30.	35.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	24	8.2	8.329	12.2	6.	2.091	1.446	6.05	7.825	9.1	10.25
00406 PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	23	7.5	7.291	8.7	5.2	1.132	1.064	5.64	6.2	8.2	8.62
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/06/88-02/24/90	23	7.5	6.208	8.7	5.2	2.359	1.536	5.64	6.2	8.2	8.62
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/88-02/24/90	23	0.032	0.62	6.31	0.002	2.029	1.424	0.002	0.006	0.631	2.305
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	94 ##	0.013	0.069	0.96	0.	0.018	0.135	0.	0.	0.11	0.165
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	94	0.7	0.603	1.1	0.	0.103	0.321	0.	0.5	0.8	0.9
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	94	0.7	0.674	0.9	0.5	0.006	0.079	0.6	0.6	0.7	0.8
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	94	2.74	2.873	4.69	1.14	0.348	0.59	2.295	2.495	3.085	3.735
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	94 ##	0.	0.262	1.595	0.	0.152	0.39	0.	0.	0.364	0.86
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	94	1.7	1.778	3.9	0.2	0.961	0.98	0.4	1.175	2.6	3.1
01005 BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	94 ##	0.01	0.012	0.15	0.	0.	0.016	0.	0.01	0.015	0.02
01020 BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	94 ##	0.	0.015	0.3	0.	0.002	0.049	0.	0.	0.005	0.02
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	94 ##	0.	0.001	0.02	0.	0.	0.003	0.	0.	0.	0.
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	94 ##	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.	0.005
01035 COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	94 ##	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.	0.005
01040 COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	94 ##	0.005	0.009	0.1	0.	0.	0.015	0.	0.	0.01	0.018
01046 IRON, DISSOLVED (UG/L AS FE)	08/25/88-06/30/90	110	1.	1.034	3.	0.3	0.323	0.568	0.4	0.6	1.	2.
01049 LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	94 ##	0.01	0.023	0.5	0.	0.003	0.055	0.	0.	0.02	0.06
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	94 ##	0.03	0.078	3.4	0.005	0.122	0.349	0.015	0.02	0.04	0.1
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	94 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065 NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	94 ##	0.	0.003	0.04	0.	0.	0.005	0.	0.	0.005	0.008
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	94	0.01	0.009	0.02	0.	0.	0.005	0.	0.01	0.01	0.01
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	94 ##	0.005	0.009	0.045	0.	0.	0.01	0.	0.	0.01	0.02
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	94	0.5	0.496	1.	0.06	0.027	0.164	0.35	0.5	0.6	0.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0052

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	24	0	0.00	8	0	0.00	9	0	0.00	7	0	0.00	Obs	Exceed	Prop.
00406 PH, FIELD	Other-Hi Lim.	9.	23	0	0.00	8	0	0.00	8	0	0.00	7	0	0.00			
	Other-Lo Lim.	6.5	23	6	0.26	8	1	0.13	8	3	0.38	7	2	0.29			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	1300.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	15.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0053

NPS Station ID: COSW0053  
Location: UPPER TOM'S CREEK  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: CONGAREE RIVER  
RF1 Index: 03050110  
RF3 Index: 03050104083700.33  
Description:  
THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON UPPER TOM'S CREEK APPROXIMATELY 1.5 MILES NORTHWEST OF KINGVILLE WHERE AN UNNAMED ROAD CROSSES OVER TOM'S CREEK. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.

LAT/LON: 33.811254/ -80.725198

Agency: 11NPSWRD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): COSW\_USGS\_01 /TC1  
Within Park Boundary: No

Date Created: 06/28/97

Depth of Water: 0  
Elevation: 95

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 7.00  
Distance from RF3: 0.35

On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: COSW0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/96-03/10/97	383	16.	16.496	28.	3.	41.957	6.477	8.	11.5	22.5	25.5
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	01/31/96-03/10/97	271	147.4	285.126	2472.	6.29	123212.838	351.017	28.682	58.57	373.	732.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/31/96-03/10/97	383	8.	8.189	12.9	5.	3.194	1.787	6.1	6.5	9.5	10.6
00406 PH, FIELD, STANDARD UNITS SU	01/31/96-03/10/97	55	5.53	5.556	6.55	4.26	0.261	0.51	4.886	5.21	5.84	6.374
00406 CONVERTED PH, FIELD, STANDARD UNITS	01/31/96-03/10/97	55	5.53	5.256	6.55	4.26	0.352	0.594	4.886	5.21	5.84	6.374
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/31/96-03/10/97	55	2.951	5.548	54.954	0.282	79.171	8.898	0.423	1.445	6.166	13.003
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	80	0.03	0.034	0.087	0.013	0.	0.017	0.016	0.019	0.043	0.057
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	80	0.003	0.003	0.011	0.001	0.	0.002	0.001	0.002	0.004	0.005
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/04/96	80	0.14	0.174	0.41	0.01	0.009	0.095	0.07	0.1	0.253	0.3
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/31/96-11/04/96	80	0.1	0.171	0.4	0.02	0.011	0.103	0.08	0.1	0.275	0.3
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/31/96-11/04/96	80	0.009	0.034	0.57	0.001	0.005	0.073	0.003	0.005	0.03	0.109
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/31/96-03/10/97	112	0.5	0.788	7.7	0.	0.814	0.902	0.013	0.3	1.075	1.8
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/31/96-03/10/97	55	-2.85	-2.997	-1.79	-6.08	0.716	0.846	-1.986	-2.41	-3.37	-4.356

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0053

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	383	0	0.00	112	0	0.00	176	0	0.00	95	0	0.00			
	Other-Hi Lim.	9.	55	0	0.00	18	0	0.00	24	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	55	53	0.96	18	17	0.94	24	24	1.00	13	12	0.92			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	80	0	0.00	36	0	0.00	18	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	80	0	0.00	36	0	0.00	18	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	80	0	0.00	36	0	0.00	18	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0054

NPS Station ID: COSW0054  
 Location: TOMS CREEK BELOW S-40-489 NEAR GADSDEN, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.811392/ -80.725004

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021696966  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/96-12/16/96	4	20.25	18.75	26.5	8.	69.417	8.332	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/26/96-12/16/96	4	25.5	24.375	34.	12.5	86.896	9.322	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	03/26/96-12/16/96	4	762.5	762.75	768.	758.	20.917	4.573	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/26/96-12/16/96	4	10.	15.5	33.	9.	137.	11.705	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/96-12/16/96	4	25.5	26.75	32.	24.	12.917	3.594	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/26/96-12/16/96	4	6.95	7.3	10.2	5.1	6.313	2.513	**	**	**	**
00400 PH (STANDARD UNITS)	03/26/96-12/16/96	4	5.85	5.875	6.3	5.5	0.149	0.386	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/26/96-12/16/96	4	5.782	5.759	6.3	5.5	0.167	0.409	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/96-12/16/96	4	1.653	1.742	3.162	0.501	1.683	1.297	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/26/96-12/16/96	4	7.1	6.9	7.2	6.2	0.22	0.469	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/26/96-12/16/96	4	7.1	6.671	7.2	6.2	0.29	0.538	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/96-12/16/96	4	0.079	0.213	0.631	0.063	0.078	0.279	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	03/26/96-12/16/96	4	4.	3.75	5.	2.	2.25	1.5	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	4	0.02	0.027	0.06	0.008	0.001	0.023	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/26/96-12/16/96	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/26/96-12/16/96	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	03/26/96-12/16/96	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/26/96-12/16/96	4	0.015	0.021	0.05	0.005	0.	0.02	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/26/96-12/16/96	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/26/96-12/16/96	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/26/96-12/16/96	4	5.6	5.425	6.7	3.8	1.503	1.226	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/26/96-12/16/96	4	0.9	0.85	1.2	0.4	0.137	0.37	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	03/26/96-12/16/96	4	0.8	0.875	1.1	0.8	0.023	0.15	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/26/96-12/16/96	4	0.8	0.8	1.	0.6	0.027	0.163	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	03/26/96-12/16/96	4	2.6	2.625	2.8	2.5	0.022	0.15	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/26/96-12/16/96	4	0.75	1.35	3.3	0.6	1.71	1.308	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/26/96-12/16/96	4	4.	4.	4.	4.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/26/96-12/16/96	4	1.4	2.1	5.	0.6	4.12	2.03	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/26/96-12/16/96	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	03/26/96-12/16/96	4	4.85	5.075	7.2	3.4	2.609	1.615	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	03/26/96-12/16/96	4	500.	442.5	550.	220.	23625.	153.704	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	03/26/96-12/16/96	4	35.	65.5	170.	22.	4945.	70.321	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04029 BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	3	95.	213.	510.	34.	67087.	259.012	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	3	1.978	2.072	2.708	1.531	0.353	0.594	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			118.102								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	3	180.	419.	1050.	27.	304473.	551.791	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	3	2.255	2.236	3.021	1.431	0.632	0.795	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			172.164								
34253	A-BHC-ALPHA DISSUG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	07/18/96-07/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
34805	BARIUM, BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	320.	320.	320.	320.	0.	0.	**	**	**	**
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	96.	96.	96.	96.	0.	0.	**	**	**	**
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	68.	68.	68.	68.	0.	0.	**	**	**	**
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	33.	33.	33.	33.	0.	0.	**	**	**	**
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	44.	44.	44.	44.	0.	0.	**	**	**	**
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	35.	35.	35.	35.	0.	0.	**	**	**	**
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	21.	21.	21.	21.	0.	0.	**	**	**	**
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	46.	46.	46.	46.	0.	0.	**	**	**	**
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	75.	75.	75.	75.	0.	0.	**	**	**	**
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	25.	25.	25.	25.	0.	0.	**	**	**	**
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	07/18/96-07/18/96	1	89.	89.	89.	89.	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38933	CHLORPYRIFOS,DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086	ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	03/26/96-12/16/96	4	3.5	3.25	4.	2.	0.917	0.957	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/26/96-12/16/96	2 ##	0.004	0.004	0.007	0.001	0.	0.004	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	03/26/96-12/16/96	4	0.005	0.004	0.005	0.001	0.	0.002	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49235	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49260	INVALID PARAMETER	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49266	INVALID PARAMETER	07/18/96-07/18/96	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
49267	INVALID PARAMETER	07/18/96-07/18/96	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
49269	INVALID PARAMETER	07/18/96-07/18/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
49270	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49271	INVALID PARAMETER	07/18/96-07/18/96	1	55.	55.	55.	55.	0.	0.	**	**	**	**
49272	INVALID PARAMETER	07/18/96-07/18/96	1	55.	55.	55.	55.	0.	0.	**	**	**	**
49274	INVALID PARAMETER	07/18/96-07/18/96	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
49275	INVALID PARAMETER	07/18/96-07/18/96	1	92.	92.	92.	92.	0.	0.	**	**	**	**
49276	INVALID PARAMETER	07/18/96-07/18/96	1	76.	76.	76.	76.	0.	0.	**	**	**	**
49277	INVALID PARAMETER	07/18/96-07/18/96	1	75.	75.	75.	75.	0.	0.	**	**	**	**
49278	INVALID PARAMETER	07/18/96-07/18/96	1	91.	91.	91.	91.	0.	0.	**	**	**	**
49279	INVALID PARAMETER	07/18/96-07/18/96	1	72.	72.	72.	72.	0.	0.	**	**	**	**
49280	INVALID PARAMETER	07/18/96-07/18/96	1	70.	70.	70.	70.	0.	0.	**	**	**	**
49291	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49293	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
49294	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49295	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49296	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49297	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49298	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49299	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49300	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49301	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49302	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
49303	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49304	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49305	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49307	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
49308	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49309	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
49310	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49311	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49312	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49313	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49314	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
49315	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49316	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49317	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49318	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49319	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49320	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49321	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49322	INVALID PARAMETER	07/18/96-07/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49324	INVALID PARAMETER	07/18/96-07/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49325	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: COSW0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49326	INVALID PARAMETER	07/18/96-07/18/96	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
49327	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49328	INVALID PARAMETER	07/18/96-07/18/96	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
49329	INVALID PARAMETER	07/18/96-07/18/96	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
49330	INVALID PARAMETER	07/18/96-07/18/96	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
49331	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49332	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49335	INVALID PARAMETER	07/18/96-07/18/96	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
49338	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49339	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49341	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49342	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49343	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49344	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49345	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49346	INVALID PARAMETER	07/18/96-07/18/96	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49347	INVALID PARAMETER	07/18/96-07/18/96	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49348	INVALID PARAMETER	07/18/96-07/18/96	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49349	INVALID PARAMETER	07/18/96-07/18/96	1##	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
49350	INVALID PARAMETER	07/18/96-07/18/96	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49351	INVALID PARAMETER	07/18/96-07/18/96	1##	100.	100.	100.	100.	0.	0.	**	**	**	**
49383	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49384	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49387	INVALID PARAMETER	07/18/96-07/18/96	1	71.	71.	71.	71.	0.	0.	**	**	**	**
49388	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49389	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49390	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49391	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49393	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49394	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49398	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49399	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49400	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49403	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49405	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49407	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49413	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49421	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49426	INVALID PARAMETER	07/18/96-07/18/96	1	93.	93.	93.	93.	0.	0.	**	**	**	**
49427	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49429	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49431	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49433	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49435	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49437	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49438	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49449	INVALID PARAMETER	07/18/96-07/18/96	1##	25.	25.	25.	25.	0.	0.	**	**	**	**
49450	INVALID PARAMETER	07/18/96-07/18/96	1	56.	56.	56.	56.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49451	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49452	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49454	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49459	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49460	INVALID PARAMETER	07/18/96-07/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49461	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49466	INVALID PARAMETER	07/18/96-07/18/96	1	96.	96.	96.	96.	0.	0.	**	**	**	**
49467	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	INVALID PARAMETER	07/18/96-07/18/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	INVALID PARAMETER	07/18/96-07/18/96	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/26/96-12/16/96	4	27.	29.	38.	24.	38.667	6.218	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/26/96-12/16/96	4	73.	71.	79.	59.	72.667	8.524	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/26/96-12/16/96	4	5.5	6.	11.	2.	14.	3.742	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPIC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4	0.06	0.055	0.08	0.02	0.001	0.026	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00		
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	2	1	0.50	1	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	1	0.33	1	1	1.00	1	0	0.00	1	0	0.00			
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
38866 OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00				1	0	0.00						
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	0.2	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0055

NPS Station ID: COSW0055 Location: Ray Branch at S-40-764 near Eastover Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Ray Branch at S-40-764 near Eastover South Carolina. Station can be found on USGS Eastover 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.903615/ -80.728338  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_RYB1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0055

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	1	550.	550.	550.	550.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0056

NPS Station ID: COSW0056 Location: Toms Creek at State Highway 48 near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Toms Creek at State Highway 48 near Gadsden South Carolina. Station can be found on USGS Wateree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.841670/ -80.731670  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_TC2 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	1	120.	120.	120.	120.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0057

NPS Station ID: COSW0057  
 Location: TOMS CK AT SC 48  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050110  
 RF3 Index: 03050110001600.00  
 Description:  
 SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENV CONTROL  
 SUMMER 1992  
 RICHLAND COUNTY

LAT/LON: 33.841670/ -80.731670

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-072  
 Within Park Boundary: No

Date Created: 05/16/92

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.60  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

STAION ESTABLISHED FOR SALUDA-EDISTO WATERSHED MONITORING EFFORT  
 TOMS CK AT SC 48 APPROX 5 MI SE OF MCENTIRE AIR BASE

## Parameter Inventory for Station: COSW0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/92-06/03/97	14	17.5	17.336	24.	6.5	30.144	5.49	8.25	13.5	22.5	23.75
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/92-06/03/97	14	24.	21.25	29.	5.	48.798	6.986	7.5	16.75	26.25	28.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/92-07/15/97	15	2.7	3.72	11.	1.8	5.343	2.312	1.8	2.5	4.5	7.58
00300 OXYGEN, DISSOLVED MG/L	05/07/92-06/03/97	14	8.	8.093	10.5	5.7	1.571	1.254	6.25	7.275	9.2	9.85
00310 BOD, 5 DAY, 20 DEG C MG/L	05/07/92-07/15/97	15	1.2	1.213	2.	0.5	0.244	0.494	0.56	0.7	1.7	1.88
00400 PH (STANDARD UNITS)	05/07/92-06/03/97	14	5.725	5.719	6.93	4.86	0.303	0.551	4.87	5.335	6.05	6.6
00400 CONVERTED PH (STANDARD UNITS)	05/07/92-06/03/97	14	5.719	5.436	6.93	4.86	0.389	0.624	4.87	5.335	6.05	6.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/92-06/03/97	14	1.912	3.664	13.804	0.117	19.748	4.444	0.327	0.891	4.671	13.493
00403 PH, LAB, STANDARD UNITS SU	05/07/92-09/01/92	5	6.	6.18	6.5	6.	0.062	0.249	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	05/07/92-09/01/92	5	6.	6.129	6.5	6.	0.065	0.255	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/92-09/01/92	5	1.	0.743	1.	0.316	0.125	0.353	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/07/92-07/15/97	15	4.	3.733	7.	1.	3.067	1.751	1.6	2.	5.	6.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/92-07/15/97	15 ##	0.025	0.035	0.18	0.025	0.002	0.04	0.025	0.025	0.025	0.087
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/92-07/15/97	15	0.46	0.477	0.8	0.1	0.035	0.187	0.202	0.35	0.64	0.752
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/92-07/15/97	15	0.3	0.289	0.45	0.15	0.008	0.089	0.162	0.22	0.35	0.426
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/07/92-07/15/97	15	0.02	0.021	0.05	0.01	0.	0.012	0.01	0.01	0.03	0.044
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/92-05/27/97	5	5.4	5.32	6.7	3.9	1.162	1.078	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/07/92-02/26/97	2	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	05/07/92-05/27/97	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/07/92-05/27/97	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/07/92-05/27/97	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/07/92-05/27/97	5	890.	852.	1200.	510.	74570.	273.075	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/07/92-05/27/97	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/07/92-05/27/97	5	40.	40.	70.	20.	350.	18.708	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	05/07/92-05/27/97	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/07/92-05/27/97	5	10.	10.	10.	10.	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/92-07/15/97	11	330.	282.091	640.	45.	39365.091	198.406	49.	73.	420.	610.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/92-07/15/97	11	2.519	2.312	2.806	1.653	0.16	0.4	1.685	1.863	2.623	2.783
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			205.27								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/15/97-07/15/97	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1400.								
71900 MERCURY, TOTAL (UG/L AS HG)	05/07/92-05/27/97	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/07/92-06/03/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0057

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00			
00400 PH	Other-Hi Lim.	9.	14	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00			
	Other-Lo Lim.	6.5	14	13	0.93	4	4	1.00	5	4	0.80	5	5	1.00			
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	5	5	1.00	3	3	1.00				2	2	1.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Drinking Water	1300.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067 NICKEL, TOTAL	Fresh Acute	1400.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Drinking Water	5000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	6	0.55	4	4	1.00	4	1	0.25	3	1	0.33			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Drinking Water	2.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0058

NPS Station ID: COSW0058

Location: LOWER CEDAR CREEK NEAR CONGAREE RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE RIVER

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

THE SITE IS LOCATED ON THE WATEREE SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON LOWER CEDAR CREEK APPROXIMATELY 200 FEET UPSTREAM FROM WHERE IT DUMPS INTO THE CONGAREE RIVER. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.

LAT/LON: 33.777671/ -80.745281

Depth of Water: 0

Elevation: 90

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_USGS\_07/CC4

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 06/28/97

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0058

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1072	15.5	16.339	28.	5.	33.294	5.77	9.5	11.8	20.5	25.
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/22/96-03/11/97	629	67.	244.343	2315.	0.03	154681.034	393.295	2.51	13.5	294.1	790.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1072	8.15	8.406	20.	4.2	4.647	2.156	5.6	6.9	10.7	10.9
00406 PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	48	6.415	6.414	7.27	5.29	0.234	0.484	5.841	6.073	6.785	7.124
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/22/96-03/11/97	48	6.414	6.149	7.27	5.29	0.306	0.553	5.841	6.073	6.785	7.124
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/96-03/11/97	48	0.386	0.71	5.129	0.054	0.911	0.955	0.075	0.165	0.846	1.456
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.04	0.048	0.128	0.018	0.001	0.026	0.024	0.03	0.06	0.095
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.005	0.005	0.013	0.	0.	0.003	0.001	0.003	0.007	0.009
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.255	0.273	0.59	0.02	0.026	0.161	0.05	0.14	0.41	0.547
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/22/96-11/06/96	72	0.3	0.278	0.6	0.03	0.029	0.17	0.05	0.1	0.4	0.57
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	72	0.02	0.029	0.15	0.001	0.001	0.036	0.005	0.009	0.03	0.074
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	98	1.25	1.372	4.2	0.05	0.831	0.911	0.3	0.775	1.625	3.
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	48	-2.75	-3.056	-1.57	-8.33	1.772	1.331	-1.729	-2.088	-3.46	-4.996

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0058

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	1072	0	0.00	350	0	0.00	475	0	0.00	247	0	0.00			
	Other-Hi Lim.	9.	48	0	0.00	18	0	0.00	18	0	0.00	12	0	0.00			
	Other-Lo Lim.	6.5	48	28	0.58	18	16	0.89	18	7	0.39	12	5	0.42			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Station Inventory for Station: COSW0059

NPS Station ID: COSW0059

Location: Toms Creek at US Highway 378 near Horrell Hill

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Toms Creek at US Highway 378 near Horrell Hill South Carolina. Station can be found on USGS Congaree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.945281/ -80.756671

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_TC6

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

### Parameter Inventory for Station: COSW0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/29/86-05/29/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0060

NPS Station ID: COSW0060 Location: Toms Creek at S-40-1307 near Eastover Station Type: /TYP/A/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Toms Creek at S-40-1307 near Eastover South Carolina. Station can be found on USGS Congaree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.912781/ -80.756948  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_TC4 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	1	280.	280.	280.	280.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

# Station Inventory for Station: COSW0061

NPS Station ID: COSW0061

Location: Toms Creek at S-40-764 near Horrell Hill

Station Type: /TYP/A/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Toms Creek at S-40-764 near Horrell Hill South Carolina. Station can be found on USGS Congaree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.934448/ -80.758337

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_TC5

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	1	500.	500.	500.	500.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	1	50.	50.	50.	50.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	1	30.	30.	30.	30.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	1	3.	3.	3.	3.	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	1	37.	37.	37.	37.	0.	0.	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/29/86-05/29/86	1	6.	6.	6.	6.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0062

NPS Station ID: COSW0062  
 Location: Toms Creek at S-40-1322 near Gadsden  
 Station Type: /TYP/A/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.868615/ -80.759448

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_GS\_TC3  
 Within Park Boundary: No

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located on Toms Creek at S-40-1322 near Gadsden South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/29/86-05/29/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/29/86-05/29/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/29/86-05/29/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/29/86-05/29/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/29/86-05/29/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/29/86-05/29/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/29/86-05/29/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/29/86-05/29/86	1	220.	220.	220.	220.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0063

NPS Station ID: COSW0063  
Location: OLD DEAD RIVER LAKE  
Station Type: /TYP/A/AMBNT/LAKE  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: CONGAREE RIVER  
RF1 Index: 03050110  
RF3 Index: 03050104083700.33  
Description:  
THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS IN THE MIDDLE OF OLD DEAD RIVER LAKE WHICH IS APPROXIMATELY 1/2 MILE NORTH OF THE CONGAREE RIVER. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.

LAT/LON: 33.781420/ -80.773921

Agency: 11NPSWRD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): COSW\_USGS\_13 /DEAD LAKE  
Within Park Boundary: Yes  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 7.00  
Distance from RF3: 0.35

Date Created: 06/28/97

Depth of Water: 0  
Elevation: 90  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 4.51  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: COSW0063

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/29/96-02/27/97	95	13.7	16.197	32.	9.	36.471	6.039	9.5	12.	20.	24.2
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/29/96-02/27/97	67	141.8	271.531	1411.	1.87	117899.339	343.365	7.25	37.43	345.	823.72
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/29/96-02/27/97	95	7.2	7.259	11.6	2.9	8.962	2.994	3.8	4.3	10.3	11.1
00406 PH, FIELD, STANDARD UNITS SU	03/28/96-02/27/97	12	6.65	6.715	7.47	6.04	0.204	0.452	6.094	6.308	7.14	7.38
00406 CONVERTED PH, FIELD, STANDARD UNITS	03/28/96-02/27/97	12	6.646	6.525	7.47	6.04	0.244	0.494	6.094	6.307	7.14	7.38
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/96-02/27/97	12	0.226	0.299	0.912	0.034	0.074	0.271	0.044	0.073	0.493	0.819
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	17	0.037	0.06	0.18	0.01	0.004	0.059	0.012	0.015	0.132	0.157
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	17	0.003	0.004	0.009	0.001	0.	0.003	0.002	0.002	0.007	0.008
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/29/96-10/30/96	17	0.04	0.083	0.29	0.	0.01	0.1	0.002	0.007	0.17	0.274
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/29/96-10/30/96	17	0.04	0.09	0.3	0.002	0.011	0.106	0.004	0.008	0.2	0.3
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/29/96-10/30/96	17	0.02	0.049	0.29	0.005	0.005	0.074	0.005	0.009	0.04	0.17
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/29/96-01/29/97	24	10.7	18.188	164.4	1.	1082.182	32.897	1.6	3.975	17.675	40.9
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/29/96-02/27/97	11	-3.51	-3.586	-2.14	-5.95	1.214	1.102	-2.146	-2.83	-4.36	-5.64

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

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### EPA Water Quality Criteria Analysis for Station: COSW0063

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE																
00406	PH, FIELD																
	Other-Lo Lim.	4.	95	13	0.14	17	2	0.12	61	5	0.08	17	6	0.35			
	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	12	4	0.33	4	2	0.50	5	1	0.20	3	1	0.33			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0064

NPS Station ID: COSW0064	LAT/LON: 33.812615/ -80.783031	Agency: 11NPSWRD	Date Created: 06/28/97
Location: CEDAR CREEK AT SCA CABIN		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_USGS_06 /CC3	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 100	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON CEDAR CREEK NEXT TO THE SCA CABIN WHICH IS ONE QUARTER MILE SOUTH ON AN UNNAMED DIRT ROAD FROM CEDAR CREEK ROAD. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/96-03/10/97	411	17.1	17.549	28.5	5.5	44.396	6.663	8.	11.5	23.5	26.5
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/15/96-03/10/97	291	101.5	223.916	1903.	4.78	112110.777	334.829	24.704	47.88	227.2	620.2
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/15/96-03/10/97	411	6.9	6.983	11.6	3.5	3.449	1.857	4.82	5.4	8.2	9.5
00406 PH, FIELD, STANDARD UNITS SU	02/15/96-03/10/97	52	5.99	6.046	7.17	5.11	0.198	0.445	5.442	5.79	6.325	6.65
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/15/96-03/10/97	52	5.989	5.838	7.17	5.11	0.242	0.492	5.442	5.79	6.325	6.65
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/96-03/10/97	52	1.026	1.453	7.762	0.068	2.349	1.533	0.224	0.473	1.622	3.617
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	76	0.035	0.043	0.236	0.002	0.001	0.031	0.019	0.025	0.049	0.08
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	76	0.003	0.004	0.014	0.001	0.	0.003	0.001	0.002	0.004	0.007
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/04/96	76	0.11	0.144	0.4	0.02	0.01	0.099	0.05	0.06	0.2	0.313
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/15/96-11/04/96	76	0.1	0.147	0.4	0.02	0.01	0.1	0.05	0.063	0.2	0.3
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/15/96-11/04/96	76	0.01	0.034	0.34	0.001	0.003	0.057	0.004	0.008	0.03	0.12
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/15/96-03/10/97	104	0.95	1.137	5.8	0.	0.992	0.996	0.3	0.4	1.4	2.25
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/15/96-03/10/97	51	-2.58	-2.925	-1.54	-6.35	1.122	1.059	-1.996	-2.19	-3.47	-4.78

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0064

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	411	7	0.02	154	0	0.00	160	0	0.00	97	7	0.07			
	Other-Hi Lim.	9.	52	0	0.00	17	0	0.00	22	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	52	42	0.81	17	15	0.88	22	17	0.77	13	10	0.77			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	76	0	0.00	36	0	0.00	14	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	76	0	0.00	36	0	0.00	14	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	76	0	0.00	36	0	0.00	14	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0065

NPS Station ID: COSW0065 Location: Cedar Creek below S-40-1288 near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Cedar Creek below S-40-37 near Gadsden South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.818615/ -80.788060           Depth of Water: 0 Elevation: 0   RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_CC5 Within Park Boundary: Yes   Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
		Date Created: 03/08/97          On/Off RF1: On/Off RF3:

### Parameter Inventory for Station: COSW0065

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/04/86-06/04/86	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/04/86-06/04/86	1	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/04/86-06/04/86	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/04/86-06/04/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/04/86-06/04/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/04/86-06/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/04/86-06/04/86	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/04/86-06/04/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/04/86-06/04/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/04/86-06/04/86	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/04/86-06/04/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/04/86-06/04/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/04/86-06/04/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/04/86-06/04/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/04/86-06/04/86	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0066

NPS Station ID: COSW0066 Location: Dry Branch at S-40-734 near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Dry Branch at S-40-734 near Gadsden South Carolina. Station can be found on the USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.845003/ -80.816116  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_DB1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	8500.	8500.	8500.	8500.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0067

NPS Station ID: COSW0067	LAT/LON: 33.821920/ -80.819005	Agency: 11NPSWRD	Date Created: 06/28/97
Location: WESTON LAKE AT HIGH RISE		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/LAKE		STORET Station ID(s): COSW_USGS_10 /WESTON LAKE	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 100	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON WESTON LAKE WHERE THE BOARDWALK DEAD ENDS ON THE NORTH SIDE OF THE LAKE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION; AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0067

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/96-03/10/97	652	15.	15.802	30.	3.	47.382	6.883	7.5	10.5	20.5	26.
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	01/30/96-03/10/97	445	54.	144.324	1761.	0.	63676.621	252.342	5.92	16.55	150.75	362.16
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/30/96-03/10/97	648	5.9	6.003	12.4	0.05	7.088	2.662	2.9	4.3	7.4	9.8
00406 PH, FIELD, STANDARD UNITS SU	01/30/96-03/10/97	57	6.12	6.064	7.13	4.76	0.313	0.56	5.408	5.68	6.42	6.71
00406 CONVERTED PH, FIELD, STANDARD UNITS	01/30/96-03/10/97	57	6.12	5.666	7.13	4.76	0.475	0.689	5.408	5.68	6.42	6.71
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/30/96-03/10/97	57	0.759	2.159	17.378	0.074	16.025	4.003	0.202	0.38	2.103	3.954
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	81	0.018	0.023	0.108	0.006	0.	0.017	0.012	0.015	0.026	0.037
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	81	0.003	0.003	0.009	0.	0.	0.002	0.001	0.002	0.004	0.007
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/30/96-11/12/96	81	0.01	0.035	0.4	0.	0.006	0.077	0.001	0.005	0.03	0.07
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	01/30/96-11/12/96	81	0.01	0.037	0.4	0.002	0.005	0.074	0.004	0.007	0.03	0.07
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/30/96-11/12/96	81	0.01	0.031	0.15	0.	0.002	0.041	0.005	0.007	0.03	0.11
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/30/96-03/10/97	116	5.25	8.167	40.1	0.08	63.867	7.992	0.77	1.625	11.85	20.44
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/30/96-03/10/97	53	-3.32	-3.331	-1.23	-5.59	1.052	1.026	-1.674	-2.885	-4.025	-4.772

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0067

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	648	146	0.23	136	56	0.41	369	71	0.19	143	19	0.13			
	Other-Hi Lim.	9.	57	0	0.00	18	0	0.00	26	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	57	44	0.77	18	15	0.83	26	21	0.81	13	8	0.62			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	81	0	0.00	37	0	0.00	18	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	81	0	0.00	37	0	0.00	18	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	81	0	0.00	37	0	0.00	18	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0068

NPS Station ID: COSW0068  
 Location: CEDAR CREEK AT S-40-66  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050110016  
 RF3 Index: 03050110060300.42

LAT/LON: 33.896948/ -80.819171

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 6.010  
 RF3 Mile Point: 0.52

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-069  
 Within Park Boundary: No

Date Created: 05/18/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.10

On/Off RF1: OFF  
 On/Off RF3:

Description:  
 SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL FIRST REPORTING DATE: STORET 85/05  
 STATION ESTABLISHED FOR SECONDARY TREND NETWORK CEDAR CREEK AT CO RD S-40-66  
 STATION IS 1.1 MILE SOUTH OF MC ENTIRE NATIONAL GUARD BASE

### Parameter Inventory for Station: COSW0068

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/85-06/03/97	72	21.	20.788	28.	13.	9.062	3.01	17.	19.	23.	24.35
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/10/85-06/03/97	70	26.25	26.05	39.	9.	28.226	5.313	19.	23.	30.	31.9
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/85-07/15/97	73	4.5	4.951	24.	1.	11.277	3.358	2.44	3.15	6.05	7.36
00300 OXYGEN, DISSOLVED MG/L	05/10/85-06/03/97	72	7.75	7.753	9.6	5.2	0.69	0.83	6.63	7.3	8.375	8.8
00310 BOD, 5 DAY, 20 DEG C MG/L	05/10/85-07/15/97	74	1.2	1.261	3.	0.05	0.369	0.608	0.6	0.8	1.6	2.05
00400 PH (STANDARD UNITS)	05/10/85-06/03/97	72	5.705	5.841	7.75	4.7	0.397	0.63	5.2	5.405	6.1	6.905
00400 CONVERTED PH (STANDARD UNITS)	05/10/85-06/03/97	72	5.705	5.525	7.75	4.7	0.498	0.706	5.2	5.405	6.1	6.905
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-06/03/97	72	1.973	2.984	19.953	0.018	14.182	3.766	0.126	0.794	3.936	6.31
00403 PH, LAB, STANDARD UNITS SU	05/10/85-09/01/92	46	5.75	5.722	7.8	4.4	0.399	0.632	4.78	5.6	6.	6.2
00403 CONVERTED PH, LAB, STANDARD UNITS	05/10/85-09/01/92	46	5.747	5.294	7.8	4.4	0.586	0.766	4.78	5.6	6.	6.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-09/01/92	46	1.79	5.086	39.811	0.016	87.793	9.37	0.631	1.	2.512	18.299
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/26/90-06/26/91	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-08/10/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/85-07/01/94	2 ##	0.043	0.043	0.06	0.025	0.001	0.025	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/85-07/01/94	2	0.29	0.29	0.39	0.19	0.02	0.141	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/85-07/15/97	73	0.33	0.316	0.67	0.01	0.009	0.093	0.204	0.265	0.37	0.41
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/10/85-07/15/97	75 ##	0.025	0.026	0.08	0.01	0.	0.015	0.01	0.01	0.03	0.044
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			300.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	62	145.	303.452	3500.	50.	372031.366	609.944	78.2	100.	250.	561.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	62	2.161	2.24	3.544	1.699	0.129	0.359	1.893	2.	2.398	2.749
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			173.967								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/15/97-07/15/97	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			490.								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/10/85-06/03/97	71	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0068

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	73	0	0.00	48	0	0.00				25	0	0.00			
00300	OXYGEN, DISSOLVED	4.	72	0	0.00	46	0	0.00				26	0	0.00			
00400	PH	9.	72	0	0.00	46	0	0.00				26	0	0.00			
		6.5	72	63	0.88	46	41	0.89				26	22	0.85			
00403	PH, LAB	9.	46	0	0.00	30	0	0.00				16	0	0.00			
		6.5	46	44	0.96	30	29	0.97				16	15	0.94			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	73	0	0.00	48	0	0.00				25	0	0.00			
31615	FECAL COLIFORM, MPN	200.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	62	17	0.27	41	11	0.27				21	6	0.29			
31649	ENTEROCOCCI, ME, MF	33.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/85-06/03/97	46	21.5	20.991	27.	13.	9.781	3.127	16.5	19.	24.	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/10/85-06/03/97	45	25.5	25.744	35.	13.	24.678	4.968	18.6	23.	30.	31.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/85-07/15/97	48	4.45	5.219	24.	1.	15.84	3.98	2.31	3.2	6.275	7.87
00300	OXYGEN, DISSOLVED MG/L	05/10/85-06/03/97	46	7.75	7.739	9.4	5.2	0.648	0.805	6.67	7.275	8.325	8.73
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/85-07/15/97	49	1.2	1.2	3.	0.05	0.442	0.665	0.5	0.65	1.55	2.
00400	PH (STANDARD UNITS)	05/10/85-06/03/97	46	5.7	5.821	7.75	4.7	0.45	0.671	5.035	5.4	6.08	6.86
00400	CONVERTED PH (STANDARD UNITS)	05/10/85-06/03/97	46	5.7	5.473	7.75	4.7	0.574	0.758	5.035	5.4	6.08	6.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-06/03/97	46	1.995	3.367	19.953	0.018	19.816	4.452	0.141	0.837	3.981	9.239
00403	PH, LAB, STANDARD UNITS SU	05/10/85-09/01/92	30	5.7	5.637	7.6	4.4	0.368	0.607	4.54	5.55	5.9	6.
00403	CONVERTED PH, LAB, STANDARD UNITS	05/10/85-09/01/92	30	5.7	5.227	7.6	4.4	0.541	0.736	4.54	5.55	5.9	6.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-09/01/92	30	1.995	5.927	39.811	0.025	104.361	10.216	1.	1.259	2.879	29.719
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/85-07/15/97	48	0.315	0.316	0.67	0.08	0.009	0.095	0.209	0.26	0.36	0.41
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/85-07/15/97	50	0.025	0.028	0.08	0.01	0.	0.016	0.01	0.02	0.04	0.05
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	41	140.	361.561	3500.	65.	548367.352	740.518	82.	98.5	230.	660.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	41	2.146	2.264	3.544	1.813	0.158	0.398	1.914	1.993	2.36	2.82
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			183.723								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/10/85-06/03/97	45	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/85-06/03/97	26	20.	20.427	28.	14.	7.919	2.814	17.	19.	22.125	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/10/85-06/03/97	25	28.	26.6	39.	9.	35.417	5.951	18.6	24.	30.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/10/85-07/15/97	25	4.6	4.436	8.1	1.6	2.392	1.546	2.46	3.05	5.25	6.58
00300	OXYGEN, DISSOLVED MG/L	05/10/85-06/03/97	26	7.75	7.777	9.6	6.1	0.791	0.889	6.48	7.275	8.6	9.03
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/85-07/15/97	25	1.2	1.38	2.3	0.7	0.217	0.465	0.8	1.	1.8	2.14
00400	PH (STANDARD UNITS)	05/10/85-06/03/97	26	5.73	5.877	7.1	5.15	0.316	0.562	5.27	5.438	6.15	6.965
00400	CONVERTED PH (STANDARD UNITS)	05/10/85-06/03/97	26	5.73	5.637	7.1	5.15	0.375	0.613	5.27	5.438	6.15	6.965
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-06/03/97	26	1.864	2.305	7.079	0.079	3.86	1.965	0.109	0.721	3.656	5.401
00403	PH, LAB, STANDARD UNITS SU	05/10/85-09/01/92	16	5.85	5.881	7.8	4.5	0.444	0.667	5.13	5.6	6.175	6.68
00403	CONVERTED PH, LAB, STANDARD UNITS	05/10/85-09/01/92	16	5.847	5.455	7.8	4.5	0.638	0.799	5.13	5.6	6.175	6.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-09/01/92	16	1.422	3.509	31.623	0.016	57.545	7.586	0.446	0.672	2.512	12.274
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	05/10/85-07/15/97	25	0.34	0.318	0.43	0.01	0.008	0.092	0.184	0.275	0.375	0.41
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/85-07/15/97	25 ##	0.025	0.021	0.05	0.01	0.	0.011	0.01	0.01	0.028	0.034
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	21	150.	190.	570.	50.	17523.9	132.378	71.4	100.	265.	412.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/10/85-07/15/97	21	2.176	2.194	2.756	1.699	0.074	0.271	1.853	2.	2.423	2.615
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			156.386								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/10/85-06/03/97	26	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



## Station Inventory for Station: COSW0069

NPS Station ID: COSW0069

Location: Cedar Creek above Cedar Creek Hunt Club

Station Type: /TYP/A/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Cedar Creek above Cedar Creek Hunt Club

Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.819726/ -80.823337

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_CC3

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	1	720.	720.	720.	720.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/28/86-05/28/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0070

NPS Station ID: COSW0070	LAT/LON: 33.815531/ -80.826809	Agency: 11NPSWRD	Date Created: 06/28/97
Location: CEDAR CREEK AT WISE LAKE		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_USGS_05 /CC2	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 100	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON CEDAR CREEK A COUPLE HUNDRED FEET UPSTREAM FROM WISE LAKE. CEDAR CREEK DUMPS INTO WISE LAKE DOWNSTREAM FROM SITE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/96-03/10/97	514	17.2	17.94	29.	5.	44.698	6.686	8.5	12.5	23.5	26.5
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/14/96-03/10/97	379	64.79	162.007	1781.4	2.98	60487.024	245.941	13.03	29.45	164.05	454.9
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/14/96-03/10/97	514	7.4	7.643	11.4	4.6	2.59	1.609	5.7	6.3	8.65	10.2
00406 PH, FIELD, STANDARD UNITS SU	02/14/96-03/10/97	52	5.86	5.894	6.83	5.12	0.183	0.428	5.403	5.505	6.228	6.549
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/14/96-03/10/97	52	5.86	5.716	6.83	5.12	0.216	0.464	5.403	5.505	6.228	6.549
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/96-03/10/97	52	1.381	1.923	7.586	0.148	2.659	1.631	0.283	0.595	3.127	3.954
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	75	0.032	0.039	0.19	0.007	0.001	0.027	0.017	0.022	0.044	0.07
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	75	0.002	0.003	0.011	0.	0.	0.002	0.001	0.002	0.004	0.006
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/14/96-11/12/96	75	0.06	0.089	0.34	0.	0.006	0.079	0.03	0.04	0.1	0.22
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	02/14/96-11/12/96	75	0.06	0.09	0.3	0.005	0.006	0.078	0.03	0.04	0.1	0.24
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/14/96-11/12/96	75	0.009	0.028	0.22	0.	0.002	0.042	0.002	0.005	0.03	0.1
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/14/96-03/10/97	108	1.1	1.288	5.3	0.05	0.989	0.994	0.3	0.5	1.775	2.5
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/14/96-03/10/97	51	-2.58	-2.684	-1.35	-5.27	0.694	0.833	-1.65	-2.11	-3.09	-3.946

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0070

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	514	0	0.00	208	0	0.00	186	0	0.00	120	0	0.00			
	Other-Hi Lim.	9.	52	0	0.00	17	0	0.00	22	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	52	47	0.90	17	14	0.82	22	21	0.95	13	12	0.92			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	75	0	0.00	37	0	0.00	12	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	75	0	0.00	37	0	0.00	12	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	75	0	0.00	37	0	0.00	12	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0071

NPS Station ID: COSW0071 Location: Cedar Creek at Cedar Creek Hunt Club Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Cedar Creek at Cedar Creek Hunt Club. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 18 1985 and May 28 to June 5 1986). This is the only station in which 10 surface water samples were collected during a sampling period from August 3 1985 to May 28 1986. The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.816115/ -80.827504  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_CC4 Within Park Boundary: Yes  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
		Date Created: 03/08/97  On/Off RF1: On/Off RF3:

### Parameter Inventory for Station: COSW0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/85-05/28/86	10	18.75	17.8	27.	5.5	57.122	7.558	5.9	10.625	24.625	26.8
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-05/28/86	10	31.5	50.2	190.	23.	2528.844	50.288	23.3	26.	48.75	176.4
00065 STAGE, STREAM (FEET)	08/03/85-05/28/86	10	3.035	3.187	5.63	2.18	0.998	0.999	2.191	2.433	3.498	5.44
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/85-05/28/86	10	29.	56.1	164.	24.	2921.211	54.048	24.2	26.	75.25	162.7
00300 OXYGEN, DISSOLVED MG/L	08/03/85-05/28/86	10	5.3	6.46	10.5	3.6	6.523	2.554	3.7	4.6	9.225	10.5
00400 PH (STANDARD UNITS)	08/03/85-05/28/86	10	5.7	5.69	6.3	5.1	0.152	0.39	5.12	5.375	6.025	6.28
00400 CONVERTED PH (STANDARD UNITS)	08/03/85-05/28/86	10	5.689	5.544	6.3	5.1	0.176	0.419	5.12	5.375	6.025	6.28
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/85-05/28/86	10	2.048	2.857	7.943	0.501	5.621	2.371	0.531	0.949	4.239	7.65
00916 CALCIUM, TOTAL (MG/L AS CA)	08/03/85-05/28/86	10	1.3	1.61	4.	0.8	0.888	0.942	0.81	1.05	2.025	3.81
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/04/86	3	430.	353.333	470.	160.	28433.333	168.622	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/04/86	3	2700.	2766.667	3300.	2300.	253333.333	503.322	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/03/85-05/28/86	10	0.6	1.53	6.	0.5	3.616	1.901	0.5	0.5	1.825	5.8
00929 SODIUM, TOTAL (MG/L AS NA)	08/03/85-05/28/86	10	3.	3.07	4.	2.3	0.24	0.49	2.32	2.8	3.375	3.96
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/04/86	3	110.	96.667	120.	60.	1033.333	32.146	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	08/03/85-05/28/86	10 ##	50.	55.	100.	50.	250.	15.811	50.	50.	50.	95.
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/04/86	3	90.	80.	120.	30.	2100.	45.826	**	**	**	**
01012 BERYLLIUM, TOTAL (UG/L AS BE)	08/03/85-05/28/86	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/04/86	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	08/03/85-05/28/86	10	5.	6.6	15.	1.	29.156	5.4	1.	1.75	11.25	15.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	06/18/85-06/04/86	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/85-05/28/86	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	9.5
01037	COBALT, TOTAL (UG/L AS CO)	08/03/85-05/28/86	10 ##	0.5	0.6	1.	0.5	0.044	0.211	0.5	0.625	1.
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/04/86	3	50.	100.	200.	50.	7500.	86.603	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/03/85-05/28/86	10	24.	27.5	51.	16.	131.833	11.482	16.1	18.5	50.3
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/04/86	3	20.	20.	20.	20.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/03/85-05/28/86	10	10.5	12.6	35.	3.	71.822	8.475	3.5	8.75	32.9
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/04/86	3	30.	26.667	30.	20.	33.333	5.774	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/04/86	3	800.	601.667	910.	95.	195558.333	442.22	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/85-05/28/86	10	80.	90.	220.	20.	4111.111	64.118	21.	37.5	215.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/03/85-05/28/86	10 ##	0.5	0.7	1.	0.5	0.067	0.258	0.5	0.5	1.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/04/86	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS (MG/KG AS SR DRY WGT)	06/18/85-06/04/86	3	6.	4.667	7.	1.	10.333	3.215	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/03/85-05/28/86	10	80.	107.	270.	40.	5067.778	71.188	41.	65.	262.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/04/86	3	50.	46.333	50.	39.	40.333	6.351	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/03/85-05/28/86	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	9.5
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/04/86	3	10.	11.667	20.	5.	58.333	7.638	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/04/86	3	23000.	21000.	24000.	16000.	19000000.	4358.899	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0071

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	1	0.10	3	1	0.33	4	0	0.00	3	0	0.00		
00400	PH	Other-Hi Lim.	9.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
		Other-Lo Lim.	6.5	10	10	1.00	3	3	1.00	4	4	1.00	3	3	1.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
		Drinking Water	4.	4 &	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	10	6	0.60	3	2	0.67	4	1	0.25	3	3	1.00		
		Drinking Water	5.	10	5	0.50	3	2	0.67	4	0	0.00	3	3	1.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	10	8	0.80	3	1	0.33	4	4	1.00	3	3	1.00		
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		
		Drinking Water	15.	10	1	0.10	3	0	0.00	4	0	0.00	3	1	0.33		
01092	ZINC, TOTAL	Fresh Acute	120.	10	3	0.30	3	1	0.33	4	1	0.25	3	1	0.33		
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0072

NPS Station ID: COSW0072  
 Location: CEDAR CK @ CEDAR CREEK HUNT CLUB NR GADSDEN, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050110001504.73  
 Description:

LAT/LON: 33.816115/ -80.827504

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 6.76

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169672  
 Within Park Boundary: Yes

Date Created: 11/30/85

Aquifer:  
 Water Body ID:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-12/16/96	10	23.25	19.83	28.	7.5	58.278	7.634	7.73	12.95	26.25	27.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	5	21.	20.1	27.	10.	45.3	6.731	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	5	761.	762.2	768.	758.	15.2	3.899	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-12/16/96	6	31.	39.333	86.	16.	637.867	25.256	**	**	**	**
00065 STAGE, STREAM (FEET)	01/18/96-12/16/96	5	2.02	2.082	2.93	1.45	0.33	0.575	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-12/16/96	10	25.	53.7	164.	20.	3095.344	55.636	20.	20.75	75.25	162.7
00300 OXYGEN, DISSOLVED MG/L	06/18/85-12/16/96	10	4.75	5.93	10.3	3.6	6.118	2.473	3.65	4.175	8.2	10.27
00400 PH (STANDARD UNITS)	06/18/85-12/16/96	10	5.6	5.63	6.1	5.1	0.109	0.33	5.11	5.35	5.925	6.09
00400 CONVERTED PH (STANDARD UNITS)	06/18/85-12/16/96	10	5.6	5.517	6.1	5.1	0.123	0.351	5.11	5.35	5.925	6.09
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-12/16/96	10	2.512	3.041	7.943	0.794	5.661	2.379	0.815	1.194	4.563	7.78
00403 PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	5	6.4	6.4	6.7	6.	0.075	0.274	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/18/96-12/16/96	5	6.4	6.328	6.7	6.	0.081	0.285	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/96-12/16/96	5	0.398	0.47	1.	0.2	0.102	0.319	**	**	**	**
00453 BICARBONATE, WATER, DISS. INCR TIT. FIELD, AS HCO3, MG/L	01/18/96-12/16/96	5	4.	6.4	16.	3.	29.3	5.413	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5	0.02	0.025	0.07	0.008	0.001	0.026	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	5	0.2	0.24	0.3	0.2	0.003	0.055	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	5	0.1	0.158	0.3	0.09	0.008	0.091	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	5	0.02	0.018	0.04	0.005	0.	0.014	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.008	0.02	0.005	0.	0.007	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	3.9	3.88	5.	2.5	0.842	0.918	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	0.8	1.	1.5	0.6	0.145	0.381	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	5	0.9	1.06	2.	0.7	0.283	0.532	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS CA)	08/03/85-11/23/85	4	2.05	2.45	4.	1.7	1.097	1.047	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	5	0.6	0.62	0.9	0.5	0.027	0.164	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	08/03/85-11/23/85	4	1.05	1.65	4.	0.5	2.523	1.589	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS NA)	08/03/85-11/23/85	4	3.	3.25	4.	3.	0.25	0.5	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	5	2.5	2.72	3.8	2.	0.467	0.683	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	5	0.6	0.68	1.1	0.5	0.057	0.239	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	01/18/96-12/16/96	5	4.	3.8	5.	3.	0.7	0.837	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	5	1.	1.06	2.	0.5	0.318	0.564	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	5	5.3	5.16	6.2	3.5	1.238	1.113	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01007	BARIUM, TOTAL (UG/L AS BA)	08/03/85-11/23/85	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/03/85-11/23/85	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/03/85-11/23/85	4	4.5	6.25	15.	1.	38.25	6.185	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/03/85-11/23/85	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	08/03/85-11/23/85	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/03/85-11/23/85	4	22.5	21.25	24.	16.	12.917	3.594	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	5	210.	244.4	580.	54.	44150.8	210.121	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/03/85-11/23/85	4	8.5	8.75	13.	5.	10.917	3.304	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	910.	910.	910.	910.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/85-11/23/85	4	120.	127.5	220.	50.	6558.333	80.984	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	5	37.	49.8	95.	20.	1152.7	33.951	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/03/85-11/23/85	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/03/85-11/23/85	4	135.	147.5	270.	50.	10291.667	101.448	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/03/85-11/23/85	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04029	BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.003	0.004	0.01	0.003	0.	0.004	**	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	3 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/26/96-12/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	3	210.	206.	310.	98.	11248.	106.057	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/26/96-09/12/96	3	2.322	2.268	2.491	1.991	0.065	0.254	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			185.468								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	3	520.	571.667	1120.	75.	275008.333	524.412	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/26/96-09/12/96	3	2.716	2.547	3.049	1.875	0.366	0.605	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			352.177								
34253	A-BHC-ALPHA DISSUG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/18/96-12/16/96	5	3.	5.	13.	2.	20.5	4.528	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.003	0.007	0.02	0.001	0.	0.009	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	03/26/96-12/16/96	4	0.004	0.01	0.03	0.001	0.	0.014	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49235	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49260	INVALID PARAMETER	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49291	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49293	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
49294	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49295	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49296	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49297	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49298	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49299	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49300	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49301	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49302	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
49303	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49304	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49305	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49307	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
49308	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49309	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
49310	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49311	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49312	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49313	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49314	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
49315	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	01/18/96-12/16/96	5	25.	23.	34.	8.	88.5	9.407	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .062MM	01/18/96-12/16/96	5	82.	81.6	88.	74.	32.8	5.727	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/18/96-12/16/96	5	7.	6.	10.	3.	9.	3.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT, TOT RECV, WTR UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/26/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0072

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	1	0.10	4	1	0.25	4	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	10	10	1.00	4	4	1.00	4	4	1.00	2	2	1.00			
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	5	3	0.60	1	1	1.00	3	2	0.67	1	0	0.00			
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	3	0	0.00	1	0	0.00						
01012 BERYLLIUM, TOTAL	Fresh Acute	130.	4	0	0.00	3	0	0.00	1	0	0.00						
	Drinking Water	4.	0 &	0	0.00												
01027 CADMIUM, TOTAL	Fresh Acute	3.9	4	2	0.50	3	2	0.67	1	0	0.00						
	Drinking Water	5.	4	2	0.50	3	2	0.67	1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	4	3	0.75	3	2	0.67	1	1	1.00						
	Drinking Water	1300.	4	0	0.00	3	0	0.00	1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	3	0	0.00	1	0	0.00						
	Drinking Water	15.	4	0	0.00	3	0	0.00	1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	4	2	0.50	3	1	0.33	1	1	1.00						
	Drinking Water	5000.	4	0	0.00	3	0	0.00	1	0	0.00						
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
38866 OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00				1	0	0.00						
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	0.2	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0073

NPS Station ID: COSW0073	LAT/LON: 33.815337/ -80.827892	Agency: 11NPSWRD	Date Created: 06/28/97
Location: WISE LAKE		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYP/A/AMBNT/LAKE		STORET Station ID(s): COSW_USGS_11 /WISE LAKE	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 100	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON WISE LAKE RIGHT WHERE THE BOARDWALK DEAD ENDS ON THE NORTH SIDE OF THE LAKE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION; AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/96-03/10/97	505	17.5	17.114	30.	5.	47.651	6.903	8.5	10.5	24.	26.2
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/15/96-03/10/97	417	48.21	136.331	1521.	0.92	58621.726	242.119	11.804	22.31	120.1	371.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/15/96-03/10/97	503	4.6	4.699	10.	0.1	6.323	2.514	1.4	2.6	6.5	8.
00406 PH, FIELD, STANDARD UNITS SU	02/15/96-03/10/97	51	5.87	5.824	6.77	4.08	0.268	0.518	5.192	5.55	6.16	6.384
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/15/96-03/10/97	51	5.87	5.378	6.77	4.08	0.471	0.686	5.192	5.55	6.16	6.384
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/96-03/10/97	51	1.349	4.187	83.176	0.17	144.123	12.005	0.413	0.692	2.818	6.492
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	74	0.022	0.029	0.305	0.009	0.001	0.035	0.014	0.016	0.028	0.046
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	74	0.002	0.003	0.011	0.	0.	0.002	0.001	0.002	0.003	0.006
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/96-11/12/96	74	0.01	0.03	0.17	0.	0.001	0.038	0.003	0.005	0.053	0.08
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/15/96-11/12/96	74	0.02	0.033	0.2	0.001	0.002	0.04	0.005	0.008	0.053	0.085
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/15/96-11/12/96	74	0.01	0.022	0.14	0.001	0.001	0.032	0.004	0.006	0.02	0.08
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/15/96-03/10/97	104	8.35	18.397	115.4	0.4	459.244	21.43	1.35	3.15	30.225	48.15
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/15/96-03/10/97	51	-2.88	-3.025	-1.67	-4.87	0.462	0.68	-2.254	-2.53	-3.54	-3.924

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0073

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	503	225	0.45	192	101	0.53	193	97	0.50	118	27	0.23			
	Other-Hi Lim.	9.	51	0	0.00	17	0	0.00	21	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	51	49	0.96	17	16	0.94	21	21	1.00	13	12	0.92			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	74	0	0.00	38	0	0.00	10	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	74	0	0.00	38	0	0.00	10	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	74	0	0.00	38	0	0.00	10	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0074

NPS Station ID: COSW0074 Location: Cedar Creek at S-40-55 near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Cedar Creek at S-40-55 near Gadsden South Carolina. Station can be found on the USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.865559/ -80.827781  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_CC1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0074

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0075

NPS Station ID: COSW0075  
 Location: MEYERS CREEK AT S-40-734 NEAR HOPKINS, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.856948/ -80.830003

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169660  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0075

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/96-12/16/96	5	14.	15.1	24.	6.	60.55	7.781	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	5	19.	18.5	29.5	3.	95.5	9.772	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	5	761.	762.6	770.	756.	29.8	5.459	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/96-12/16/96	5	7.	11.8	26.	3.	103.7	10.183	**	**	**	**
00065 STAGE, STREAM (FEET)	01/18/96-01/18/96	1	8.07	8.07	8.07	8.07	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/96-12/16/96	5	28.	29.	32.	28.	3.	1.732	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	01/18/96-12/16/96	5	8.6	8.48	10.7	5.8	3.827	1.956	**	**	**	**
00400 PH (STANDARD UNITS)	01/18/96-12/16/96	5	5.6	5.44	5.9	4.7	0.218	0.467	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	01/18/96-12/16/96	5	5.6	5.211	5.9	4.7	0.283	0.532	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/96-12/16/96	5	2.512	6.146	19.953	1.259	61.557	7.846	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	5	6.3	6.64	7.4	6.1	0.373	0.611	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/18/96-12/16/96	5	6.3	6.392	7.4	6.1	0.45	0.671	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/96-12/16/96	5	0.501	0.406	0.794	0.04	0.116	0.34	**	**	**	**
00453 BICARBONATE, WATER, DISS. INCR TIT. FIELD, AS HCO3, MG/L	01/18/96-12/16/96	5	4.	5.	8.	3.	4.	2.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.01	0.021	0.06	0.008	0.001	0.022	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5	0.2	0.2	0.3	0.1	0.005	0.071	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	5	0.4	0.4	0.6	0.3	0.015	0.122	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	5	0.2	0.2	0.3	0.1	0.005	0.071	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	5	0.02	0.039	0.09	0.005	0.001	0.035	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	5.2	5.32	7.3	3.8	1.727	1.314	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	1.4	1.24	2.	0.1	0.513	0.716	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	5	0.9	0.96	1.1	0.9	0.008	0.089	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	5	0.6	0.62	0.7	0.6	0.002	0.045	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	5	3.2	3.38	3.9	3.2	0.092	0.303	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	5	1.	1.02	1.3	0.8	0.037	0.192	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	01/18/96-12/16/96	5	5.	4.6	5.	4.	0.3	0.548	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	5	2.	2.	3.	1.	1.	1.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	5	10.	8.58	11.	4.6	6.842	2.616	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	5	440.	386.	550.	180.	20530.	143.283	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	5	42.	44.8	71.	28.	285.7	16.903	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04029 BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.003	0.005	0.011	0.003	0.	0.004	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	3 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/27/96-12/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	3	620.	510.	760.	150.	102100.	319.531	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	3	2.792	2.616	2.881	2.176	0.147	0.384	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			413.459								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	3	510.	543.333	1060.	60.	250833.333	500.833	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	3	2.708	2.504	3.025	1.778	0.42	0.648	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			318.916								
34253	A-BHC-ALPHA DISSUG/L	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	03/27/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38478	LINURON WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38482	MCPA WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487	MCPB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38501	METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
38538	PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38711	BENTAZON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
38746	2,4-DB WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38811	FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38866	OXAMYL WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086	ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/18/96-12/16/96	5	4.	4.4	7.	3.	2.8	1.673	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/27/96-12/16/96	4	0.006	0.013	0.04	0.001	0.	0.018	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	03/27/96-12/16/96	4	0.006	0.018	0.06	0.001	0.001	0.028	**	**	**	**
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39742	2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49235	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49260	INVALID PARAMETER	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49291	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49293	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
49294	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49295	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49296	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49297	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49298	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49299	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49300	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49301	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49302	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
49303	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49304	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49305	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49307	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
49308	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49309	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
49310	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49311	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49312	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49313	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49314	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
49315	INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/18/96-12/16/96	5	35.	36.6	43.	30.	25.3	5.03	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/27/96-12/16/96	4	82.	76.	86.	54.	221.333	14.877	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/27/96-12/16/96	4	8.	7.5	12.	2.	17.667	4.203	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT, TOT RECV,WTR UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/27/96-12/16/96	4###	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/27/96-12/16/96	4###	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0075

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	5	1.00	1	1	1.00	3	3	1.00	1	1	1.00		
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	3	0.60	1	1	1.00	3	1	0.33	1	1	1.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00		
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
38866	OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00				1	0	0.00					
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	0.2	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: COSW0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0076

NPS Station ID: COSW0076 Location: Cabin Branch at S-40-66 near Hopkins Station Type: /TYP/A/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Cabin Branch at S-40-66 near Hopkins South Carolina. Station can be found on USGS Congaree 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.904448/ -80.852226  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_CB1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
		Date Created: 03/08/97  On/Off RF1: On/Off RF3:

## Parameter Inventory for Station: COSW0076

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0077

NPS Station ID: COSW0077 Location: Reeves Creek North of Old Bluff Road Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RIVER BASIN RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located in Reeves Creek north of Old Bluff Road and west of Duffies Pond. Station can be found on USGS 7.5' Gadsden quadrangle. Data stored at this station were collected and analyzed in a report titled: "A Water Quality Study at the Congaree Swamp National Monument of Myers Creek; Reeves Creek and Toms Creek" by Michael Rikard; National Park Service; Cape Lookout National Seashore; Morehead City North Carolina; November 1991. This station is one of three sampling stations where basic water quality parameters and dissolved metals were analyzed within these streams for a period from May 6 1988 to June 30 1990. The purpose of the study was to develop and initiate a water quality monitoring program on the three creeks. Data processed and uploaded to STORET by Scott S. Hermsen; National Park Service-Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins Colorado 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.841670/ -80.857309  Depth of Water: 0 Elevation: 105  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_MR_RC Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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On/Off RF1:  
On/Off RF3:

## Parameter Inventory for Station: COSW0077

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	24	18.5	17.917	29.	5.	50.514	7.107	8.	12.	25.	27.
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	24	20.	25.208	70.	15.	140.172	11.839	20.	20.	28.75	42.5
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	24	8.6	8.408	11.3	6.	2.883	1.698	6.4	6.7	9.95	11.
00406 PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	23	7.8	7.457	8.8	5.1	1.254	1.12	5.6	6.4	8.4	8.66
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/06/88-02/24/90	23	7.8	6.17	8.8	5.1	2.986	1.728	5.6	6.4	8.4	8.66
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/88-02/24/90	23	0.016	0.677	7.943	0.002	3.061	1.75	0.002	0.004	0.398	2.512
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	94 ##	0.005	0.06	0.87	0.	0.012	0.11	0.	0.	0.1	0.165
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	94	0.6	0.526	1.1	0.	0.083	0.288	0.	0.5	0.7	0.85
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	94	0.5	0.476	0.7	0.4	0.005	0.068	0.4	0.4	0.5	0.6
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	94	1.875	2.006	4.57	1.34	0.302	0.55	1.53	1.66	2.04	2.66
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	94 ##	0.	0.267	2.265	0.	0.252	0.502	0.	0.	0.343	0.78
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	94 ##	0.35	0.64	2.4	0.	0.476	0.69	0.038	0.15	1.2	1.85
01005 BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	94 ##	0.01	0.008	0.02	0.	0.	0.004	0.	0.005	0.01	0.01
01020 BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	94 ##	0.	0.002	0.01	0.	0.	0.003	0.	0.	0.005	0.01
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	94 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	94 ##	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.001	0.005
01035 COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	94 ##	0.	0.002	0.1	0.	0.	0.01	0.	0.	0.	0.005
01040 COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	94 ##	0.005	0.009	0.1	0.	0.	0.018	0.	0.	0.01	0.015
01046 IRON, DISSOLVED (UG/L AS FE)	09/19/88-06/30/90	110	0.6	0.651	2.	0.1	0.174	0.417	0.2	0.3	1.	1.
01049 LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	94 ##	0.008	0.012	0.07	0.	0.	0.016	0.	0.	0.015	0.05
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	94 ##	0.013	0.224	6.5	0.	1.048	1.024	0.005	0.009	0.025	0.1
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	94 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0077

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065 NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	94 ##	0.	0.004	0.025	0.	0.	0.006	0.	0.	0.005	0.015
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	94	0.01	0.006	0.01	0.	0.	0.005	0.	0.	0.01	0.01
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	94 ##	0.005	0.007	0.05	0.	0.	0.01	0.	0.	0.01	0.023
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	94	0.4	0.403	0.7	0.	0.018	0.135	0.3	0.4	0.5	0.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0077

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	24	0	0.00	8	0	0.00	9	0	0.00	7	0	0.00	Obs	Exceed	Prop.
00406 PH, FIELD	Other-Hi Lim.	9.	23	0	0.00	8	0	0.00	8	0	0.00	7	0	0.00			
	Other-Lo Lim.	6.5	23	6	0.26	8	1	0.13	8	2	0.25	7	3	0.43			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	1300.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	15.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0078

NPS Station ID: COSW0078  
 Location: CEDAR CK AT S-40-734  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050110  
 RF3 Index: 03050104006701.58  
 Description:  
 SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH ENV CONTROL  
 SUMMER 1992  
 RICHLAND COUNTY

LAT/LON: 33.840559/ -80.860003

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 2.23

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-071  
 Within Park Boundary: Yes

Date Created: 05/16/92

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.60  
 Distance from RF3: 0.04

On/Off RF1:  
 On/Off RF3:

STATION ESTABLISHED FOR SALUDA-EDISTO WATERSHED MONITORING EFFORT  
 CEDAR CK A S-40-734 APPROX 6 MI SW OF MCENTIRE AIR BASE

### Parameter Inventory for Station: COSW0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/92-10/09/92	6	23.	22.75	28.	17.5	17.575	4.192	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/92-10/09/92	5	24.	22.	28.	10.	48.5	6.964	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/07/92-10/09/92	6	3.4	4.033	8.3	2.	5.699	2.387	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/07/92-10/09/92	6	7.5	7.75	9.5	6.3	1.235	1.111	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	05/07/92-10/09/92	6	1.5	1.517	2.9	0.7	0.682	0.826	**	**	**	**
00400 PH (STANDARD UNITS)	05/07/92-10/09/92	6	5.85	6.008	6.9	5.6	0.212	0.461	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/07/92-10/09/92	6	5.847	5.877	6.9	5.6	0.233	0.483	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/92-10/09/92	6	1.422	1.326	2.512	0.126	0.635	0.797	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	05/07/92-09/01/92	5	6.	6.16	6.7	5.9	0.103	0.321	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	05/07/92-09/01/92	5	6.	6.087	6.7	5.9	0.11	0.331	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/92-09/01/92	5	1.	0.818	1.259	0.2	0.17	0.412	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/07/92-10/09/92	6	4.	4.5	7.	3.	1.9	1.378	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/92-10/09/92	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/07/92-10/09/92	6	0.325	0.4	1.06	0.11	0.118	0.343	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/92-10/09/92	6 ##	0.025	0.042	0.13	0.01	0.002	0.047	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/07/92-10/09/92	6	0.03	0.033	0.06	0.02	0.	0.016	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/07/92-08/07/92	2	5.35	5.35	5.6	5.1	0.125	0.354	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/07/92-05/07/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	05/07/92-08/07/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/07/92-08/07/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/07/92-08/07/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/07/92-08/07/92	2	955.	955.	1100.	810.	42050.	205.061	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/07/92-08/07/92	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/07/92-08/07/92	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	05/07/92-08/07/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/07/92-08/07/92	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/07/92-10/09/92	4	24.5	45.75	120.	14.	2478.917	49.789	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/07/92-10/09/92	4	1.387	1.5	2.079	1.146	0.163	0.404	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/07/92-10/09/92	4	1.387	1.5	2.079	1.146	0.163	0.404	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	05/07/92-08/07/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/07/92-10/09/92	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0078

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	0	0.00	4	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	4	0	0.00				2	0	0.00			
00400	PH	9.	6	0	0.00	4	0	0.00				2	0	0.00			
		6.5	6	5	0.83	4	3	0.75				2	2	1.00			
00403	PH, LAB	9.	5	0	0.00	3	0	0.00				2	0	0.00			
		6.5	5	4	0.80	3	3	1.00				2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	6	0	0.00	4	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	18.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01051	LEAD, TOTAL	82.	2	0	0.00	1	0	0.00				1	0	0.00			
	Fresh Acute																
	Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
	Fresh Acute	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	120.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	4	0	0.00	3	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0079

NPS Station ID: COSW0079	LAT/LON: 33.839087/ -80.860116	Agency: 11NPSWRD	Date Created: 06/28/97
Location: UPPER CEDAR CREEK		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_USGS_04 /CC1	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 110	Water Body Id:	
Minor Basin: CONGAREE RIVER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:
Description: THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON UPPER CEDAR CREEK APPROXIMATELY 500 FEET DOWNSTREAM OF WHERE MYERS CREEK AND REEVES BRANCH JOIN CEDAR CREEK. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION, AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT, CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.			

Parameter Inventory for Station: COSW0079

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/96-03/10/97	423	17.	17.04	30.	4.	50.983	7.14	8.	11.	23.	28.
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	01/31/96-03/10/97	332	60.885	136.211	1204.	6.58	45050.805	212.252	15.818	27.703	121.575	372.29
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/31/96-03/10/97	423	8.7	8.865	14.8	6.1	3.311	1.82	6.7	7.4	10.	11.1
00406 PH, FIELD, STANDARD UNITS SU	01/31/96-03/10/97	55	5.71	5.838	7.81	4.48	0.512	0.716	4.974	5.48	6.13	6.878
00406 CONVERTED PH, FIELD, STANDARD UNITS	01/31/96-03/10/97	55	5.71	5.379	7.81	4.48	0.726	0.852	4.974	5.48	6.13	6.878
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/31/96-03/10/97	55	1.95	4.177	33.113	0.015	49.555	7.04	0.132	0.741	3.311	10.672
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	82	0.032	0.039	0.096	0.015	0.	0.02	0.021	0.025	0.046	0.072
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	82	0.002	0.003	0.01	0.	0.	0.002	0.001	0.001	0.003	0.005
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/96-11/12/96	82	0.06	0.091	0.39	0.01	0.007	0.086	0.03	0.04	0.113	0.184
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/31/96-11/12/96	82	0.06	0.092	0.4	0.02	0.008	0.089	0.03	0.04	0.1	0.2
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	01/31/96-11/12/96	82	0.007	0.028	0.15	0.	0.002	0.043	0.002	0.004	0.023	0.117
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	01/31/96-03/10/97	113	1.4	1.852	8.2	0.3	2.08	1.442	0.5	0.8	2.45	3.76
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/31/96-03/10/97	55	-2.31	-2.429	-1.12	-5.15	0.431	0.656	-1.774	-2.05	-2.64	-3.244

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0079

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	423	0	0.00	122	0	0.00	204	0	0.00	97	0	0.00			
	Other-Hi Lim.	9.	55	0	0.00	17	0	0.00	25	0	0.00	13	0	0.00			
	Other-Lo Lim.	6.5	55	47	0.85	17	12	0.71	25	25	1.00	13	10	0.77			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	82	0	0.00	38	0	0.00	18	0	0.00	26	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	82	0	0.00	38	0	0.00	18	0	0.00	26	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	82	0	0.00	38	0	0.00	18	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0080

NPS Station ID: COSW0080 Location: Myers Creek at S-40-734 near Hopkins Station Type: /TYP/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located on Myers Creek at S-40-734 near Hopkins South Carolina. Station can be found on the USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.840838/ -80.860003  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_MC1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0080

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	1	950.	950.	950.	950.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



## Station Inventory for Station: COSW0081

NPS Station ID: COSW0081  
 Location: CEDAR CREEK BELOW MYERS CREEK NR HOPKINS, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050110001701.38  
 Description:

LAT/LON: 33.839726/ -80.860559

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 6.64

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169670  
 Within Park Boundary: Yes

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.03

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-12/16/96	6	21.	19.083	29.5	7.	93.842	9.687	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/96-12/16/96	5	19.	19.1	29.	8.	62.55	7.909	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	01/18/96-12/16/96	5	761.	762.8	770.	756.	31.7	5.63	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-12/16/96	6	34.	32.5	39.	22.	52.3	7.232	**	**	**
00065	STAGE, STREAM (FEET)	01/18/96-01/18/96	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-12/16/96	6	17.5	18.	24.	14.	13.2	3.633	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/85-12/16/96	6	7.9	8.433	11.4	6.3	5.147	2.269	**	**	**
00400	PH (STANDARD UNITS)	06/18/85-12/16/96	6	5.75	5.683	6.3	5.	0.198	0.445	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/85-12/16/96	6	5.747	5.492	6.3	5.	0.242	0.491	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-12/16/96	6	1.79	3.22	10.	0.501	12.392	3.52	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/96-12/16/96	5	6.1	6.22	6.7	5.8	0.167	0.409	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/96-12/16/96	5	6.1	6.087	6.7	5.8	0.189	0.435	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/96-12/16/96	5	0.794	0.818	1.585	0.2	0.372	0.61	**	**	**
00453	BICARBONATE, WATER, DISS. INCR TIT. FIELD, AS HCO3, MG/L	01/18/96-12/16/96	5	4.	3.6	5.	2.	1.3	1.14	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5	0.03	0.03	0.06	0.008	0.	0.019	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/18/96-12/16/96	5 ##	0.1	0.12	0.2	0.1	0.002	0.045	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/18/96-12/16/96	5	0.3	0.24	0.3	0.1	0.008	0.089	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/18/96-12/16/96	5	0.1	0.141	0.3	0.025	0.012	0.109	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/96-12/16/96	5	0.02	0.014	0.02	0.005	0.	0.008	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/18/96-12/16/96	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	2.4	2.56	3.9	1.4	1.343	1.159	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/18/96-12/16/96	5	1.	0.88	1.5	0.3	0.207	0.455	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/18/96-12/16/96	5	0.6	0.64	0.7	0.6	0.003	0.055	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	50.	50.	50.	50.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/18/96-12/16/96	5	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/18/96-12/16/96	5	1.9	1.94	2.2	1.8	0.028	0.167	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/18/96-12/16/96	5	0.5	0.46	0.5	0.4	0.003	0.055	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	01/18/96-12/16/96	5	3.	3.2	4.	3.	0.2	0.447	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/96-12/16/96	5	0.7	0.68	0.9	0.5	0.022	0.148	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/18/96-12/16/96	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/18/96-12/16/96	5	3.5	3.52	4.9	2.1	1.432	1.197	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS (MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	01/18/96-12/16/96	5	210.	230.	320.	170.	3150.	56.125	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	01/18/96-12/16/96	5	21.	21.	27.	16.	25.5	5.05	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	680.	680.	680.	680.	0.	0.	**	**	**	**
04024 PROPACHLOR,DISSOLVED, WATER,TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04029 BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
04040 DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/27/96-12/16/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041 CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	3	32.	66.667	150.	18.	5257.333	72.507	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/27/96-09/12/96	3	1.505	1.646	2.176	1.255	0.227	0.476	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			44.208								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	3	740.	688.	1300.	24.	409072.	639.587	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/27/96-09/12/96	3	2.869	2.454	3.114	1.38	0.88	0.938	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			284.749								
34253 A-BHC-ALPHA DISSUG/L	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	03/27/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
38442 DICAMBA (BANVEL) WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38478 LINURON WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38482 MCPA WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
38487 MCPB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38501 METHIOCARB WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
38538 PROPOXUR WATER,DISSUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38711 BENTAZON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
38746 2,4-DB WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38811 FLUOMETURON WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
38866 OXAMYL WATER, DISUG/L	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT.FIELD,AS CACO3,MG/L	01/18/96-12/16/96	5	3.	2.8	4.	2.	0.7	0.837	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	03/27/96-12/16/96	3 ##	0.001	0.002	0.005	0.001	0.	0.002	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	03/27/96-12/16/96	3	0.005	0.005	0.009	0.001	0.	0.004	**	**	**	**
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39742 2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12/16/96-12/16/96	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/27/96-12/16/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49235 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49236 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49260 INVALID PARAMETER	03/27/96-12/16/96	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49291 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49292 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49293 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
49294 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49295 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49296 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49297 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49298 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49299 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49300 INVALID PARAMETER	12/16/96-12/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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### Parameter Inventory for Station: COSW0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49301	INVALID PARAMETER	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49302	INVALID PARAMETER	1 ##	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
49303	INVALID PARAMETER	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49304	INVALID PARAMETER	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
49305	INVALID PARAMETER	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
49306	INVALID PARAMETER	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49307	INVALID PARAMETER	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
49308	INVALID PARAMETER	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
49309	INVALID PARAMETER	1 ##	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
49310	INVALID PARAMETER	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
49311	INVALID PARAMETER	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
49312	INVALID PARAMETER	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49313	INVALID PARAMETER	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
49314	INVALID PARAMETER	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
49315	INVALID PARAMETER	1 ##	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	5	18.	17.6	18.	16.	0.8	0.894	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	5	71.	70.6	86.	52.	148.8	12.198	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	5	5.	5.4	9.	2.	7.3	2.702	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: COSW0081

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00		
00400	PH	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	6	6	1.00	1	1	1.00	3	3	1.00	2	2	1.00		
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	3	0.60	1	1	1.00	3	2	0.67	1	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0081

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
38866 OXAMYL, DISSOLVED	Drinking Water	200.	1	0	0.00				1	0	0.00						
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	0.2	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	3	0	0.00				2	0	0.00	1	0	0.00			
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	1	0	0.00				1	0	0.00						
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0082

NPS Station ID: COSW0082  
 Location: Cedar Creek below Myers Creek near Hopkins  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.839726/ -80.860559

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_GS\_CC2  
 Within Park Boundary: Yes

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located on Cedar Creek below Myers Creek near Hopkins South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0082

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	50.	50.	50.	50.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	70.	70.	130.	10.	7200.	84.853	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	16.	16.	22.	10.	72.	8.485	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	500.	500.	680.	320.	64800.	254.558	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0083

NPS Station ID: COSW0083      LAT/LON: 33.840005/ -80.860559

Location: CEDAR CK S OF S-40-734 AT USGS GAGING PLATFORM

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH & ENVIRONMENTAL CONTROL

CEDAR CREEK SOUTH OF S-40-734 AT OLD USGS GAGING PLATFORM

BRIDGE - TO EXAMINE INPUTS TO PARK FROM UPSTREAM DEVELOPMENT

RICHLAND COUNTY

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-075

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 11/16/96

On/Off RF1:

On/Off RF3:

STATION ESTABLISHED FALL 1996  
ACCESS DOWN CABLED DIRT ROAD IMMEDIATELY EAST OF S-40-734  
APPROXIMATELY 15 MILES SOUTHEAST OF COLUMBIA

### Parameter Inventory for Station: COSW0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/96-06/03/97	8	16.5	15.	23.5	4.5	44.429	6.665	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/25/96-06/03/97	8	20.75	19.188	29.	7.	45.71	6.761	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/25/96-07/15/97	9	2.8	3.744	7.1	1.1	4.765	2.183	1.1	2.2	6.15	7.1
00300 OXYGEN, DISSOLVED MG/L	11/25/96-06/03/97	8	8.65	9.013	11.3	7.4	2.244	1.498	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	11/25/96-07/15/97	9	1.8	1.711	2.3	1.	0.226	0.476	1.	1.25	2.15	2.3
00400 PH (STANDARD UNITS)	11/25/96-06/03/97	8	5.82	5.871	7.25	4.71	0.508	0.713	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/25/96-06/03/97	8	5.818	5.433	7.25	4.71	0.728	0.853	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/96-06/03/97	8	1.52	3.694	19.498	0.056	41.765	6.463	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/25/96-07/15/97	9	2.	1.833	3.	0.5	0.75	0.866	0.5	1.	2.5	3.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/25/96-07/15/97	9 ##	0.025	0.038	0.09	0.025	0.001	0.027	0.025	0.025	0.053	0.09
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/25/96-07/15/97	9	0.5	0.567	0.96	0.25	0.053	0.229	0.25	0.405	0.77	0.96
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/25/96-07/15/97	9	0.09	0.106	0.34	0.04	0.009	0.093	0.04	0.045	0.11	0.34
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/25/96-07/15/97	9	0.03	0.026	0.04	0.01	0.	0.01	0.01	0.015	0.03	0.04
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	11/25/96-05/27/97	3	4.9	5.767	8.6	3.8	6.323	2.515	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/26/97-02/26/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS Cd)	11/25/96-05/27/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS Cr)	11/25/96-05/27/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS Cu)	11/25/96-05/27/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS Fe)	11/25/96-05/27/97	3	470.	586.667	860.	430.	56433.333	237.557	**	**	**	**
01051 LEAD, TOTAL (UG/L AS Pb)	11/25/96-05/27/97	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS Mn)	11/25/96-05/27/97	3	34.	41.333	70.	20.	665.333	25.794	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS Ni)	11/25/96-05/27/97	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS Zn)	11/25/96-05/27/97	3 ##	5.	13.333	30.	5.	208.333	14.434	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/25/96-07/15/97	6	135.	151.667	280.	23.	10960.267	104.691	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/25/96-07/15/97	6	2.13	2.054	2.447	1.362	0.168	0.41	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			113.344								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	1	580.	580.	580.	580.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/15/97-07/15/97	1	2.763	2.763	2.763	2.763	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			580.								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900 MERCURY, TOTAL (UG/L AS HG)	11/25/96-05/27/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/25/96-06/03/97	7	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0083

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00				5	0	0.00	3	0	0.00			
00400 PH	Other-Hi Lim.	9.	8	0	0.00				5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	8	7	0.88				5	5	1.00	3	2	0.67			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067 NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	5000.	3	0	0.00				2	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	2	0.33				3	1	0.33	3	1	0.33			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0084

NPS Station ID: COSW0084

Location: Reeves Branch at S-40-734 near Hopkins

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Reeves Branch at S-40-734 near Hopkins South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle.

Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area

of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey

Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1

1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National

Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201

Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.840559/ -80.860559

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_RB1

Within Park Boundary: Yes

Aquifer:

Water Body ID:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	05/28/86-05/28/86	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	05/28/86-05/28/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	05/28/86-05/28/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/28/86-05/28/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	05/28/86-05/28/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/28/86-05/28/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/28/86-05/28/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/28/86-05/28/86	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/28/86-05/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/28/86-05/28/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/28/86-05/28/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	05/28/86-05/28/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/28/86-05/28/86	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



## Station Inventory for Station: COSW0085

NPS Station ID: COSW0085  
 Location: Myers Creek North of Old Bluff Road  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE RIVER BASIN  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.842781/ -80.860838

Depth of Water: 0  
 Elevation: 105

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_MR\_MC  
 Within Park Boundary: No

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located in Myers Creek north of Old Bluff Road and west of Duffies Pond. Station can be found on USGS 7.5' Gadsden quadrangle. Data stored at this station were collected and analyzed in a report titled: "A Water Quality Study at the Congaree Swamp National Monument of Myers Creek; Reeves Creek and Toms Creek" by Michael Rikard; National Park Service; Cape Lookout National Seashore; Morehead City North Carolina; November 1991. This station is one of three sampling stations where basic water quality parameters and dissolved metals were analyzed within these streams for a period from May 6 1988 to June 30 1990. The purpose of the study was to develop and initiate a water quality monitoring program on the three creeks. Data processed and uploaded to STORET by Scott S. Hermsen; National Park Service-Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins Colorado 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/88-03/22/90	24	14.5	15.875	24.	4.	33.505	5.788	7.5	12.	21.5	23.5
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/06/88-03/22/90	24	30.	30.583	45.	20.	33.384	5.778	22.5	30.	30.	40.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/88-03/22/90	24	8.2	8.196	12.1	5.4	2.919	1.708	6.3	6.65	9.1	10.85
00406 PH, FIELD, STANDARD UNITS SU	05/06/88-02/24/90	23	7.4	7.339	8.5	5.6	0.718	0.847	5.82	6.7	8.1	8.3
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/06/88-02/24/90	23	7.4	6.529	8.5	5.6	1.405	1.185	5.82	6.7	8.1	8.3
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/88-02/24/90	23	0.04	0.296	2.512	0.003	0.432	0.658	0.005	0.008	0.2	1.597
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	02/06/89-06/30/90	94 ##	0.	0.071	0.7	0.	0.017	0.131	0.	0.	0.073	0.26
00915 CALCIUM, DISSOLVED (MG/L AS CA)	02/06/89-06/30/90	94	1.	0.818	1.9	0.	0.176	0.419	0.	0.775	1.	1.15
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/89-06/30/90	94	0.6	0.623	1.2	0.4	0.011	0.106	0.5	0.6	0.7	0.7
00930 SODIUM, DISSOLVED (MG/L AS NA)	02/06/89-06/30/90	94	4.03	3.934	5.65	1.01	0.684	0.827	3.195	3.678	4.363	4.85
00935 POTASSIUM, DISSOLVED (MG/L AS K)	02/06/89-06/30/90	94 ##	0.37	0.907	8.98	0.	2.822	1.68	0.	0.	0.929	1.723
00955 SILICA, DISSOLVED (MG/L AS SI02)	02/06/89-06/30/90	94	3.95	3.996	10.	0.45	2.384	1.544	2.1	2.875	5.125	5.75
01005 BARIUM, DISSOLVED (UG/L AS BA)	02/06/89-06/30/90	94 ##	0.02	0.017	0.03	0.005	0.	0.005	0.01	0.015	0.02	0.025
01020 BORON, DISSOLVED (UG/L AS B)	02/06/89-06/30/90	94 ##	0.	0.006	0.1	0.	0.	0.014	0.	0.	0.006	0.013
01025 CADMIUM, DISSOLVED (UG/L AS CD)	02/06/89-06/30/90	94 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	02/06/89-06/30/90	94 ##	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.	0.005
01035 COBALT, DISSOLVED (UG/L AS CO)	02/06/89-06/30/90	94 ##	0.	0.001	0.01	0.	0.	0.002	0.	0.	0.	0.005
01040 COPPER, DISSOLVED (UG/L AS CU)	02/06/89-06/30/90	94 ##	0.005	0.009	0.1	0.	0.	0.013	0.	0.005	0.01	0.015
01046 IRON, DISSOLVED (UG/L AS FE)	08/25/88-06/30/90	110	1.	1.051	2.	0.3	0.255	0.505	0.5	0.7	1.	2.
01049 LEAD, DISSOLVED (UG/L AS PB)	02/06/89-06/30/90	94 ##	0.01	0.019	0.08	0.	0.001	0.025	0.	0.	0.05	0.06
01056 MANGANESE, DISSOLVED (UG/L AS MN)	02/06/89-06/30/90	94 ##	0.035	0.07	0.5	0.005	0.007	0.086	0.015	0.025	0.1	0.2
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/06/89-06/30/90	94 ##	0.	0.001	0.035	0.	0.	0.004	0.	0.	0.	0.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065 NICKEL, DISSOLVED (UG/L AS NI)	02/06/89-06/30/90	94 ##	0.005	0.005	0.035	0.	0.	0.006	0.	0.	0.01	0.015
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	02/06/89-06/30/90	94	0.01	0.012	0.03	0.	0.	0.005	0.01	0.01	0.01	0.02
01090 ZINC, DISSOLVED (UG/L AS ZN)	02/06/89-06/30/90	94 ##	0.005	0.01	0.1	0.	0.	0.016	0.	0.	0.01	0.018
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	02/06/89-06/30/90	94	0.8	0.866	5.	0.4	0.269	0.519	0.5	0.6	1.	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0085

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	24	0	0.00	8	0	0.00	9	0	0.00	7	0	0.00	Obs	Exceed	Prop.
00406 PH, FIELD	Other-Hi Lim.	9.	23	0	0.00	8	0	0.00	8	0	0.00	7	0	0.00			
	Other-Lo Lim.	6.5	23	4	0.17	8	1	0.13	8	1	0.13	7	2	0.29			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	1300.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	15.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	100.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			
	Drinking Water	5000.	94	0	0.00	9	0	0.00	50	0	0.00	35	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0086

NPS Station ID: COSW0086 Location: CSNM west of Wise Lake near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located in CSNM west of Wise Lake near Gadsden South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.812781/ -80.862227           Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_MSC1 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
  
  
  
  
 On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0086

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	100.	100.	100.	100.	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1	130.	130.	130.	130.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1	100.	100.	100.	100.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	460.	460.	460.	460.	0.	0.	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	50.	50.	50.	50.	0.	0.	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0087

NPS Station ID: COSW0087 Location: CSNM west of Weston Lake near Gadsden Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: CONGAREE RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: Station is located in CSNM west of Weston Lake near Gadsden South Carolina. Station can be found on USGS Gadsden 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).	LAT/LON: 33.823616/ -80.864170  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 11NPSWRD FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): COSW_GS_MSC2 Within Park Boundary: Yes  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 03/08/97  
  
 On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/05/86-06/05/86	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/05/86-06/05/86	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/05/86-06/05/86	1	30.	30.	30.	30.	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/05/86-06/05/86	1	170.	170.	170.	170.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/05/86-06/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/05/86-06/05/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/05/86-06/05/86	1	150.	150.	150.	150.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/05/86-06/05/86	1	20.	20.	20.	20.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/05/86-06/05/86	1	830.	830.	830.	830.	0.	0.	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/05/86-06/05/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/05/86-06/05/86	1	30.	30.	30.	30.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/05/86-06/05/86	1	50.	50.	50.	50.	0.	0.	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/05/86-06/05/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/05/86-06/05/86	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0088

NPS Station ID: COSW0088

Location: UPPER CONGAREE RIVER .75 SW OF COOK'S LAKE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE RIVER

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

THE SITE IS LOCATED ON THE GASDEN SOUTH CAROLINA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON THE UPPER CONGAREE RIVER APPROXIMATELY .75 MILE SOUTHWEST OF COOK'S LAKE. DATA FOR THIS SITE ARE FROM A STUDY CONDUCTED BY THE U.S. GEOLOGICAL SURVEY (USGS) BIOLOGICAL RESOURCES DIVISION (BRD) FOR THE NATIONAL PARK SERVICE. THE STUDY WILL RUN FROM 1996 TO 1998. THE STUDY IS DESIGNED TO ASSESS THE IMPACTS OF URBANIZATION; AGRICULTURE AND SILVICULTURE ON THE WATER QUALITY OF THE AQUATIC RESOURCES OF CONGAREE SWAMP NATIONAL MONUMENT. FOR MORE INFORMATION ON THE PROJECT; CONTACT WILLIAM M. RIZZO AT THE USGS/BRD/NATIONAL WETLANDS RESEARCH CENTER 700 CAJUNDOME BLVD. LAFAYETTE LOUISIANA 70506. PH (318)266- 8633. FOR INFORMATION ON CONGAREE SWAMP CONTACT THE CHIEF OF RESOURCES MANAGEMENT AT CONGAREE SWAMP NATIONAL MONUMENT 200 CAROLINA SIMS ROAD HOPKINS SOUTH CAROLINA 29061. DATA PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY NPS-WRD FORT COLLINS COLORADO 80525. PH (970)225-3516.

LAT/LON: 33.809003/ -80.866392

Depth of Water: 0

Elevation: 100

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_USGS\_08 /CR1

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 06/28/97

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0088

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/22/96-03/11/97	1435	17.	16.785	27.5	7.	31.695	5.63	10.	11.8	21.	24.5
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	02/22/96-03/11/97	791	202.3	410.036	2949.	0.	263498.329	513.321	9.268	45.79	585.8	1117.4
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/22/96-03/11/97	1435	8.9	9.559	20.	6.3	4.866	2.206	7.4	8.1	10.8	11.6
00406 PH, FIELD, STANDARD UNITS SU	02/22/96-03/11/97	48	6.75	6.785	7.56	5.35	0.157	0.396	6.373	6.59	7.06	7.357
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/22/96-03/11/97	48	6.75	6.54	7.56	5.35	0.218	0.466	6.373	6.59	7.06	7.357
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/22/96-03/11/97	48	0.178	0.288	4.467	0.028	0.4	0.632	0.044	0.087	0.257	0.424
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.054	0.064	0.182	0.026	0.001	0.034	0.036	0.044	0.07	0.122
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.007	0.009	0.046	0.001	0.	0.009	0.002	0.005	0.01	0.016
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/22/96-11/06/96	72	0.455	0.454	0.7	0.22	0.012	0.108	0.286	0.383	0.53	0.597
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	02/22/96-11/06/96	72	0.5	0.457	0.7	0.2	0.012	0.111	0.3	0.4	0.5	0.6
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/22/96-11/06/96	72	0.04	0.052	0.33	0.	0.003	0.054	0.01	0.03	0.058	0.135
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	02/22/96-03/11/97	98	1.	1.296	4.9	0.2	1.004	1.002	0.4	0.6	1.5	3.
70971 LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/22/96-03/11/97	50	-1.965	-2.462	-0.63	-7.13	2.094	1.447	-1.306	-1.61	-2.623	-4.868

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD																
	Other-Lo Lim.	4.	1435	0	0.00	476	0	0.00	595	0	0.00	364	0	0.00			
	Other-Hi Lim.	9.	48	0	0.00	18	0	0.00	18	0	0.00	12	0	0.00			
	Other-Lo Lim.	6.5	48	8	0.17	18	5	0.28	18	2	0.11	12	1	0.08			
00613	NITRITE NITROGEN, DISSOLVED AS N																
	Drinking Water	1.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	72	0	0.00	36	0	0.00	12	0	0.00	24	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0089

NPS Station ID: COSW0089

Location: WILDEWOOD POND AT AIKEN HUNT CIRCLE

Station Type: /TYPA/AMBNT/LAKE

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin:

Minor Basin:

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

LAT/LON: 34.084559/ -80.866727

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-576

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 02/04/95

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01360 SAMPLE LENGTH CM	10/17/95-10/17/95	5	33.7	34.9	39.2	32.3	8.065	2.84	**	**	**	**
01374 SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	10/17/95-10/17/95	5	420.	528.	770.	400.	27170.	164.833	**	**	**	**
71930 MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/17/95-10/17/95	5	0.59	0.602	0.8	0.47	0.019	0.138	**	**	**	**
81614 NUMBER OF INDIVIDUALS IN THE SAMPLE	10/17/95-10/17/95	5	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0090

NPS Station ID: COSW0090      LAT/LON: 33.808893/ -80.867226

Location: CONGAREE RVR AT W EDGE OF CONGAREE SWAMP PARK

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH & ENVIRONMENTAL CONTROL

CONGAREE RIVER AT WEST BOUNDARY OF CONGAREE SWAMP NATIONAL

LARGE POINT SOURCES BETWEEN COLUMBIA & MONUMENT

BORDER OF RICHLAND & CALHOUN COUNTIES

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-074

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 11/16/96

On/Off RF1:

On/Off RF3:

### Parameter Inventory for Station: COSW0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/25/96-06/26/97	7	14.5	14.614	23.5	8.	29.991	5.476	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/25/96-06/26/97	7	20.	18.5	33.	5.	90.25	9.5	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/25/96-06/26/97	7	10.	11.629	22.	4.7	32.202	5.675	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/25/96-06/26/97	7	9.9	9.6	12.6	7.9	2.52	1.587	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	11/25/96-06/26/97	8	0.8	1.038	2.8	0.5	0.537	0.733	**	**	**	**
00400 PH (STANDARD UNITS)	11/25/96-06/26/97	7	6.35	6.457	7.51	6.	0.312	0.558	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/25/96-06/26/97	7	6.35	6.258	7.51	6.	0.358	0.598	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/25/96-06/26/97	7	0.447	0.552	1.	0.031	0.16	0.4	**	**	**	**
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	12/12/96-06/26/97	6	62.5	65.833	80.	60.	64.167	8.01	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/25/96-06/26/97	8	20.5	20.	30.	8.	43.429	6.59	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/25/96-06/26/97	8	13.	11.031	21.	0.25	51.508	7.177	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/25/96-06/26/97	8	0.06	0.067	0.12	0.025	0.002	0.041	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/25/96-06/26/97	8	0.33	0.345	0.62	0.2	0.019	0.138	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/25/96-06/26/97	8	0.425	0.428	0.47	0.39	0.001	0.03	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/25/96-06/26/97	8	0.06	0.06	0.07	0.04	0.	0.011	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	11/25/96-05/15/97	6	3.75	3.617	4.7	2.3	0.698	0.835	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/13/97-02/13/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/25/96-05/15/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/25/96-05/15/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/25/96-05/15/97	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	11/25/96-05/15/97	3	740.	750.	980.	530.	50700.	225.167	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	11/25/96-05/15/97	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	11/25/96-05/15/97	3	30.	33.333	40.	30.	33.333	5.774	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	11/25/96-05/15/97	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/25/96-05/15/97	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/25/96-06/26/97	7	66.	74.429	150.	31.	1946.286	44.117	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	11/25/96-06/26/97	7	1.82	1.804	2.176	1.491	0.07	0.265	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			63.656								
71900 MERCURY, TOTAL (UG/L AS HG)	11/25/96-05/15/97	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: COSW0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/25/96-06/26/97	7	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0090

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00				5	0	0.00	2	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00				5	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	7	0	0.00				5	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	5	0.71				5	3	0.60	2	2	1.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00				5	0	0.00	3	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067 NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	5000.	3	0	0.00				2	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00				4	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00				2	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00				2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0091

NPS Station ID: COSW0091  
 Location: GILLS CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.067642/ -80.867837

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-572  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	23.	21.182	29.5	15.	20.614	4.54	15.2	16.	24.	28.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	23.75	25.15	34.	16.	41.836	6.468	16.15	20.125	31.625	33.95
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	7.2	6.945	8.1	5.	0.795	0.891	5.2	6.3	7.5	8.06
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.2	5.282	6.25	4.5	0.309	0.556	4.54	4.85	5.8	6.18
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.2	5.02	6.25	4.5	0.384	0.62	4.54	4.85	5.8	6.18
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	6.31	9.541	31.623	0.562	94.171	9.704	0.702	1.585	14.125	29.289
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	11	4.	8.091	46.	2.	174.091	13.194	2.	2.	4.	40.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.24	0.272	0.55	0.19	0.013	0.114	0.192	0.2	0.28	0.526
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.04	0.046	0.1	0.03	0.001	0.023	0.03	0.03	0.05	0.096
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11 ##	0.01	0.027	0.09	0.01	0.001	0.028	0.01	0.01	0.03	0.086
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	5	130.	118.8	190.	52.	3205.2	56.614	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	5	2.114	2.028	2.279	1.716	0.055	0.234	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			106.764								
34536 1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	11	0	0.00												
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	600.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0092

NPS Station ID: COSW0092	LAT/LON: 33.944170/ -80.875281	Agency: 11NPSWRD	Date Created: 03/08/97
Location: Goose Branch at US Highway 378 near Horrell Hill		FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): COSW_GS_GB1	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 0	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: CONGAREE		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 7.00	On/Off RF1:
RF3 Index: 03050104083700.33	RF3 Mile Point: 4.51	Distance from RF3: 0.35	On/Off RF3:

### Description:

Station is located on Goose Branch at US Highway 378 near Horrell Hills Carolina. Station can be found on USGS Fort Jackson South 7.5 quad. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	310.	310.	320.	300.	200.	14.142	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2	45.	45.	60.	30.	450.	21.213	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2	11.	11.	20.	2.	162.	12.728	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2	190.	190.	350.	30.	51200.	226.274	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	47.	47.	77.	17.	1800.	42.426	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	3900.	3900.	5100.	2700.	2880000.	1697.056	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0093

NPS Station ID: COSW0093  
 Location: GOOSE BRANCH AT SH 378, NEAR EASTOVER, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110019  
 RF3 Index: 03050110004700.00  
 Description:

LAT/LON: 33.944170/ -80.875281

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 7.140  
 RF3 Mile Point: 0.00

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169652  
 Within Park Boundary: No

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0093

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	77.	77.	77.	77.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0094

NPS Station ID: COSW0094  
 Location: ROWELL CRK AT DIXIE RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.053615/ -80.876948

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169559  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	26.	26.	26.	26.	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	1	755.	755.	755.	755.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	1	9.	9.	9.	9.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/17/96-09/17/96	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/96-09/17/96	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	19.953	19.953	19.953	19.953	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/17/96-09/17/96	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/17/96-09/17/96	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/17/96-09/17/96	1	2.	2.	2.	2.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	1	120.	120.	120.	120.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	1	11.	11.	11.	11.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**
04040	DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			100.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	670.	670.	670.	670.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	2.826	2.826	2.826	2.826	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			670.								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/17/96-09/17/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301	CHLOROENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536	1,2-DICHLOROENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571	1,4-DICHLOROENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260	INVALID PARAMETER	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/96-09/17/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	1	48.	48.	48.	48.	0.	0.	**	**	**	**
77041	CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
77103	2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLORO BENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLORO BENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82630	METTRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-.0.7UM FILT, TOT RECV,WTR UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT, TOT RECV,WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# EPA Water Quality Criteria Analysis for Station: COSW0094

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00								
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00								
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00								
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00								
		Drinking Water	250.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00								
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00								
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00								
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00								
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00								
		Drinking Water	1000.	1	0	0.00	1	0	0.00								
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00								
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00								
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00								
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00								
		Drinking Water	700.	1	0	0.00	1	0	0.00								
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00								
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00								
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00								
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00								
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00								
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00								
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00								
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00								
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00								
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00								
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00								
		Drinking Water	0.2	1	0	0.00	1	0	0.00								
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00								
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00								
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00								
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00								
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00								
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00								
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00											

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: COSW0094

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0	& 0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# Station Inventory for Station: COSW0095

NPS Station ID: COSW0095

Location: Myers Creek at State Highway 48 near Gadsden

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Myers Creek at State Highway 48 near Gadsden South Carolina. Station can be found on USGS Saylors Lake 7.5 quad. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.864726/ -80.879449

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_MC5

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	1900.	1900.	2200.	1600.	180000.	424.264	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2	600.	600.	840.	360.	115200.	339.411	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	225.	225.	410.	40.	68450.	261.63	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2	245.	245.	400.	90.	48050.	219.203	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2	19.	19.	30.	8.	242.	15.556	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2	65.	65.	90.	40.	1250.	35.355	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	535.	535.	680.	390.	42050.	205.061	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	30.	30.	50.	10.	800.	28.284	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	4450.	4450.	6300.	2600.	6845000.	2616.295	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0096

NPS Station ID: COSW0096  
 Location: STA 6, MYERS CR BLW CABIN BR @ SH 48 NR GADSDEN,  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110018  
 RF3 Index: 03050110001900.00  
 Description:

LAT/LON: 33.864726/ -80.879449

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.290  
 RF3 Mile Point: 2.71

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169658  
 Within Park Boundary: No

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.05

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	5.	5.	5.	5.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	1	58.	58.	58.	58.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	06/18/85-06/18/85	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/85-06/18/85	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-06/18/85	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	840.	840.	840.	840.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	40.	40.	40.	40.	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	400.	400.	400.	400.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1	40.	40.	40.	40.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1	30.	30.	30.	30.	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1	90.	90.	90.	90.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	680.	680.	680.	680.	0.	0.	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	30.	30.	30.	30.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	50.	50.	50.	50.	0.	0.	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0096

			Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----			
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0097

NPS Station ID: COSW0097  
 Location: JACKSON CRK AT LEANING TREE RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.105003/ -80.882226

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695601  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	1	752.	752.	752.	752.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/16/96-09/16/96	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/16/96-09/16/96	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/16/96-09/16/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/16/96-09/16/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/16/96-09/16/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	1	14.	14.	14.	14.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1	0.098	0.098	0.098	0.098	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	2.732	2.732	2.732	2.732	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	720.	720.	720.	720.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	2.857	2.857	2.857	2.857	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	720.	720.	720.	720.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/16/96-09/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFUROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/96-09/16/96	1	19.	19.	19.	19.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	1	77.	77.	77.	77.	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77170 2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173 1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00								
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECAHEDRONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: COSW0098

NPS Station ID: COSW0098

Location: WILDEWOOD POND AT BEAVER DAM ROAD

Station Type: /TYPA/AMBNT/LAKE

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin:

Minor Basin:

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

LAT/LON: 34.084753/ -80.883698

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-575

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 02/04/95

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01360 SAMPLE LENGTH CM	01/17/95-01/17/95	5	32.7	32.06	33.5	30.5	1.983	1.408	**	**	**	**
01374 SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	01/17/95-01/17/95	5	400.	398.	500.	320.	6320.	79.498	**	**	**	**
71930 MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/17/95-01/17/95	5	0.43	0.442	0.7	0.24	0.043	0.208	**	**	**	**
81614 NUMBER OF INDIVIDUALS IN THE SAMPLE	01/17/95-01/17/95	5	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0099

NPS Station ID: COSW0099

Location: WILDEWOOD POND AT SAND SPUR COURT

Station Type: /TYPA/AMBNT/LAKE

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin:

Minor Basin:

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

LAT/LON: 34.100031/ -80.884142

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-574

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 02/04/95

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	01/17/95-01/17/95	1	0.	0.	0.	0.	0.	**	**	**	**
01360	SAMPLE LENGTH CM	01/17/95-01/17/95	5	34.1	33.2	34.6	30.6	2.945	1.716	**	**	**
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	01/17/95-01/17/95	5	490.	436.	500.	320.	7230.	85.029	**	**	**
71930	MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/17/95-01/17/95	5	0.45	0.458	0.49	0.45	0.	0.018	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/17/95-01/17/95	5	1.	1.	1.	1.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0100

NPS Station ID: COSW0100  
 Location: JACKSON CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.084921/ -80.884309

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-567  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	25.	23.227	30.	15.5	26.768	5.174	15.7	17.5	27.5	29.6
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	30.75	29.25	50.	16.	95.681	9.782	16.25	21.125	33.625	48.4
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	6.1	6.564	8.8	5.	1.823	1.35	5.04	5.3	8.	8.72
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.8	5.818	6.4	5.2	0.196	0.442	5.2	5.4	6.3	6.38
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.8	5.624	6.4	5.2	0.237	0.487	5.2	5.4	6.3	6.38
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	1.585	2.375	6.31	0.398	5.073	2.252	0.419	0.501	3.981	6.31
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	10	5.	5.2	12.	2.	7.289	2.7	2.1	3.75	6.	11.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.46	0.505	0.8	0.4	0.014	0.118	0.402	0.41	0.55	0.764
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.04	0.112	0.32	0.02	0.014	0.119	0.02	0.03	0.25	0.316
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11	0.03	0.03	0.09	0.01	0.001	0.024	0.01	0.01	0.04	0.082
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	2	98.5	98.5	120.	77.	924.5	30.406	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	2	1.983	1.983	2.079	1.886	0.019	0.136	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			96.125								
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34257 B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0100

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00						1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00						1	0	0.00			
		Drinking Water	1300.	1	0	0.00						1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00						1	0	0.00			
		Drinking Water	15.	0 &	0	0.00											
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00						1	0	0.00			
		Drinking Water	100.	1	0	0.00						1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00						1	0	0.00			
		Drinking Water	5000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00								
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00								
		Drinking Water	1000.	1	0	0.00	1	0	0.00								
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00								
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00								
		Drinking Water	700.	1	0	0.00	1	0	0.00								
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00								
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00								
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00								
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00								
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00								
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00						1	0	0.00			
		Drinking Water	2.	1	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0101

NPS Station ID: COSW0101  
 Location: BYNUM CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.050531/ -80.884253

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-570  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0101

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	20.	19.5	24.	14.	11.4	3.376	14.2	17.	23.	23.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	27.5	25.9	32.5	15.	39.156	6.257	15.3	19.875	31.25	32.45
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	7.	7.027	9.	5.4	0.948	0.974	5.5	6.5	7.7	8.74
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	4.85	5.132	6.3	4.6	0.358	0.598	4.61	4.7	5.6	6.26
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	4.85	4.905	6.3	4.6	0.414	0.643	4.61	4.7	5.6	6.26
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	14.125	12.433	25.119	0.501	74.77	8.647	0.56	2.512	19.953	24.573
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	11	4.	276.364	3000.	1.	816005.055	903.33	1.2	2.	6.	2401.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.028	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.053
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/11/94-11/21/94	10	0.165	0.325	1.69	0.05	0.238	0.487	0.056	0.118	0.293	1.557
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.02	0.035	0.22	0.01	0.004	0.062	0.01	0.01	0.03	0.182
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11	0.02	0.114	1.	0.01	0.087	0.295	0.01	0.01	0.06	0.812
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	3	36.	41.	67.	20.	571.	23.896	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	3	1.556	1.561	1.826	1.301	0.069	0.263	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			36.403								
71900 MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0101

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						8	0	0.00	2	0	0.00	1	0	0.00			
00400 PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0101

Parameter	Std. Type	Std. Value	Total			7/01-11/15			11/16-3/31			4/01-6/30			n/a		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01027	CADMIUM, TOTAL	Fresh Acute 3.9	0 &	0	0.00												
		Drinking Water 5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water 100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute 18.	1	0	0.00							1	0	0.00			
		Drinking Water 1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute 82.	1	0	0.00							1	0	0.00			
		Drinking Water 15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute 1400.	1	0	0.00							1	0	0.00			
		Drinking Water 100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute 120.	1	0	0.00							1	0	0.00			
		Drinking Water 5000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute 2.4	1	0	0.00							1	0	0.00			
		Drinking Water 2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0102

NPS Station ID: COSW0102  
 Location: GOOSE BRANCH BELOW SQUARE D NEAR EASTOVER, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110019  
 RF3 Index: 0305011002200.00  
 Description:

LAT/LON: 33.934448/ -80.888615

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 5.920  
 RF3 Mile Point: 0.01

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169653  
 Within Park Boundary: No

Date Created: 10/19/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	2	338.	338.	338.	338.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	2	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/18/85-06/18/85	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/18/85-06/18/85	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-06/18/85	2	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/18/85-06/18/85	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/18/85-06/18/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	06/18/85-06/18/85	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	06/18/85-06/18/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	06/18/85-06/18/85	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	06/18/85-06/18/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/18/85-06/18/85	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/18/85-06/18/85	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	06/18/85-06/18/85	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	06/18/85-06/18/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	06/18/85-06/18/85	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	06/18/85-06/18/85	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS LI)	06/18/85-06/18/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: COSW0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0102

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00400 PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
	Other-Lo Lim.	6.5	2	2	1.00							2	2	1.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010 BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	1	0	0.00							1	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0103

NPS Station ID: COSW0103

Location: Goose Branch at S-40-223 near Horrell Hill

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: CONGAREE

RF1 Index: 03050110

RF3 Index: 03050104083700.33

Description:

Station is located on Goose Branch at S-40-223 near Horrell Hill South Carolina. Station can be found on USGS Fort Jackson South 7.5 quad.

Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area

of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey

Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1

1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National

Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201

Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

LAT/LON: 33.934448/ -80.888615

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.51

Agency: 11NPSWRD

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): COSW\_GS\_GB2

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 7.00

Distance from RF3: 0.35

Date Created: 03/08/97

On/Off RF1:

On/Off RF3:

## Parameter Inventory for Station: COSW0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	260.	260.	500.	20.	115200.	339.411	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	4550.	4550.	6800.	2300.	10125000.	3181.981	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0104

NPS Station ID: COSW0104

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: MYERS CR DWNSTRM OF INTERMITTENT STREAM

RF1 Index: 03050110019

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.878893/ -80.891115

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.070

RF3 Mile Point: 2.87

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450180C /MC-D2 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.00

Date Created: 11/15/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0105

NPS Station ID: COSW0105  
 Location: STA 5, MYERS CR @ LOWER RICHLAND HWY, EASTOVER,  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110019  
 RF3 Index: 03050110001903.42  
 Description:

LAT/LON: 33.879448/ -80.891393

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 1.320  
 RF3 Mile Point: 3.64

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169657  
 Within Park Boundary: No

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	250.	250.	250.	250.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0105

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
												1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0106

NPS Station ID: COSW0106  
 Location: Myers Creek at S-40-37 near Hopkins  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.879448/ -80.891393

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_GS\_MC4  
 Within Park Boundary: No

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located on Myers Creek at S-40-37 near Hopkins South Carolina Station can be found on USGS Fort Jackson South 7.5 quadrangle. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	140.	140.	230.	50.	16200.	127.279	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2 ##	42.5	42.5	80.	5.	2812.5	53.033	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2	75.	75.	130.	20.	6050.	77.782	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	21.	21.	25.	17.	32.	5.657	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	825.	825.	1400.	250.	661250.	813.173	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0107

NPS Station ID: COSW0107

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: MYERS CREEK AT STATE HIGHWAY 37

RF1 Index: 03050110019

RF3 Index: 03050110002107.72

Description:

LAT/LON: 33.881392/ -80.891948

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.660

RF3 Mile Point: 15.15

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450146E /MC-D BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 8.20

Distance from RF3: 0.66

Date Created: 07/12/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0108

NPS Station ID: COSW0108

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: MYERS CR UPSTRM OF INTERMITTENT STREAM

RF1 Index: 03050110019

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.880837/ -80.892226

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.570

RF3 Mile Point: 5.09

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450180B /MC-U2 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 5.80

Distance from RF3: 0.77

Date Created: 11/15/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0109

NPS Station ID: COSW0109

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: INTERMITTENT STREAM AT MYERS CREEK SWAMP

RF1 Index: 03050110019

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.880837/ -80.895281

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.570

RF3 Mile Point: 5.48

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450178C /IS-3 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.42

Date Created: 11/15/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



## Station Inventory for Station: COSW0110

NPS Station ID: COSW0110  
 Location: Myers Creek at S-40-1571 near Hopkins  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.910004/ -80.896948

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_GS\_MC3  
 Within Park Boundary: No

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located on Myers Creek at S-40-1571 near Hopkins South Carolina. Station can be found on USGS Fort Jackson South 7.5 quad. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	435.	435.	800.	70.	266450.	516.188	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2	100.	100.	190.	10.	16200.	127.279	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	40.	40.	60.	20.	800.	28.284	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2 ##	37.5	37.5	70.	5.	2112.5	45.962	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	169.	169.	320.	18.	45602.	213.546	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2	5.	5.	9.	1.	32.	5.657	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	2300.	2300.	2900.	1700.	720000.	848.528	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

## Station Inventory for Station: COSW0111

NPS Station ID: COSW0111  
 Location: STA 4, MYERS CR @ BACK SWAMP RD, NR EASTOVER, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110019  
 RF3 Index: 03050110001903.42  
 Description:

LAT/LON: 33.910004/-80.896948

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 3.660  
 RF3 Mile Point: 5.87

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169656  
 Within Park Boundary: No

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/18/85-06/18/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/18/85-06/18/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0111

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0112

NPS Station ID: COSW0112

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: MYERS CREEK AT STATE HIGHWAY 1571

RF1 Index: 03050110019

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.911948/ -80.897227

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 3.900

RF3 Mile Point: 1.82

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450146F /MC-U BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.03

Date Created: 07/12/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0113

NPS Station ID: COSW0113

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: INTERMITTENT STREAM AT MYERS CREEK

RF1 Index: 03050110019

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.880837/ -80.900282

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.570

RF3 Mile Point: 2.20

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450178B /IS-2 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 5.30

Distance from RF3: 0.70

Date Created: 11/15/80

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0114

NPS Station ID: COSW0114  
 Location: ROWELL CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.034726/ -80.900476

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-569  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	20.	19.091	24.5	13.5	15.241	3.904	13.6	15.5	22.5	24.3
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	26.5	25.05	33.	15.	40.025	6.327	15.25	19.375	30.5	32.9
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	8.5	8.327	9.3	7.4	0.422	0.65	7.42	7.6	8.8	9.24
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	4.6	4.809	5.8	4.3	0.217	0.466	4.3	4.5	5.05	5.71
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	4.6	4.642	5.8	4.3	0.248	0.498	4.3	4.5	5.05	5.71
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	25.119	22.809	50.119	1.585	288.096	16.973	2.161	8.913	31.623	50.119
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	11	1.	30.309	310.	0.25	8615.988	92.822	0.25	0.9	3.	250.4
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.11	0.177	0.53	0.05	0.027	0.164	0.05	0.05	0.24	0.51
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11 ##	0.01	0.025	0.16	0.01	0.002	0.045	0.01	0.01	0.02	0.132
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11	0.02	0.065	0.52	0.01	0.023	0.151	0.01	0.01	0.03	0.424
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-11/17/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-11/17/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-11/17/94	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-11/17/94	2	360.	360.	370.	350.	200.	14.142	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-11/17/94	2 ##	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-11/17/94	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-11/17/94	2 ##	55.	55.	100.	10.	4050.	63.64	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-11/17/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	3	57.	119.	270.	30.	17283.	131.465	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/20/94-11/17/94	3	1.756	1.888	2.431	1.477	0.241	0.491	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			77.289								
34257 B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34354 ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34359 ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34364 ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34369 ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39076 BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11	0.3	0.545	3.	0.3	0.663	0.814	0.3	0.3	0.3	2.46
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0114

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00				1	1	1.00	1	1	1.00		
		Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	15.	1 &	1	1.00				1	1	1.00	1	1	1.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	100.	2	1	0.50				1	1	1.00	1	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00		
		Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	2	0	0.00	1	1	1.00					
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00		
		Drinking Water	2.	1	0	0.00							1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0115

NPS Station ID: COSW0115      LAT/LON: 33.927504/ -80.900837  
 Location: STA 3, MYERS CR @ OLD HOPKINS RD, NR EASTOVER, S  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110      Depth of Water: 0  
 Major Basin:      Elevation: 0  
 Minor Basin:  
 RF1 Index: 03050110019      RF1 Mile Point: 5.140  
 RF3 Index: 03050110004700.98      RF3 Mile Point: 1.72  
 Description:

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169654  
 Within Park Boundary: No

Date Created: 11/30/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.03

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/85-06/18/85	1	21.	21.	21.	21.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/85-06/18/85	1	63.	63.	63.	63.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/18/85-06/18/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	06/18/85-06/18/85	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/18/85-06/18/85	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/85-06/18/85	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-06/18/85	1	90.	90.	90.	90.	0.	0.	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	06/18/85-06/18/85	1	30.	30.	30.	30.	0.	0.	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-06/18/85	1	20.	20.	20.	20.	0.	0.	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-06/18/85	1	10.	10.	10.	10.	0.	0.	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-06/18/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-06/18/85	1	19.	19.	19.	19.	0.	0.	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-06/18/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-06/18/85	1	1.	1.	1.	1.	0.	0.	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-06/18/85	1	3.	3.	3.	3.	0.	0.	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-06/18/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-06/18/85	1	760.	760.	760.	760.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0115

			Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----			
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0116

NPS Station ID: COSW0116  
 Location: Myers Creek at S-40-222 near Hopkins  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: CONGAREE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.927504/ -80.900837

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 11NPSWRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): COSW\_GS\_MC2  
 Within Park Boundary: No

Date Created: 03/08/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

Station is located on Myers Creek at S-40-222 near Hopkins South Carolina. Station can be found on USGS Fort Jackson South 7.5 quad. Data stored at this station were collected by the USGS and analyzed in a report entitled: "Concentrations of Metals in Bed Material in the Area of Congaree Swamp National Monument and in Water in Cedar Creek Richland County South Carolina" by Theodore W. Cooney (U.S. Geological Survey Open-File Report 90-370). This station is one of 28 stations where 37 bed-material samples were collected during two sampling periods (June 1 1985 and May 28 to June 5 1986). The purpose of the study was to quantify the occurrence of selected metals in Congaree Swamp National Monument and in streams flowing into the Monument. Data processed and uploaded to STORET by Scott Hermesen; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525; (tel. 970-225-3516; fax. 970-225-9965).

## Parameter Inventory for Station: COSW0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/18/85-06/18/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00917 CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	06/18/85-05/28/86	2	215.	215.	340.	90.	31250.	176.777	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOSITS (MG/KG AS MG DRY WGT)	06/18/85-05/28/86	2	50.	50.	70.	30.	800.	28.284	**	**	**	**
00934 SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	06/18/85-05/28/86	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	06/18/85-05/28/86	2	55.	55.	100.	10.	4050.	63.64	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/18/85-05/28/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/18/85-05/28/86	2 ##	5.75	5.75	11.	0.5	55.125	7.425	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/18/85-05/28/86	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/18/85-05/28/86	2 ##	15.25	15.25	30.	0.5	435.125	20.86	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/18/85-05/28/86	2 ##	57.5	57.5	110.	5.	5512.5	74.246	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/18/85-05/28/86	2	859.5	859.5	1700.	19.	1412880.5	1188.646	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	06/18/85-05/28/86	2	1.55	1.55	2.9	0.2	3.645	1.909	**	**	**	**
01083 STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	06/18/85-05/28/86	2	10.5	10.5	20.	1.	180.5	13.435	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/18/85-05/28/86	2	66.5	66.5	130.	3.	8064.5	89.803	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	06/18/85-05/28/86	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/18/85-05/28/86	2	34380.	34380.	68000.	760.	2260608800.	47545.86	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



## Station Inventory for Station: COSW0117

NPS Station ID: COSW0117 Location: TRIB TO MILL CK A S-40-404 Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: SANTEE COOPER CONGAREE RF1 Index: 03050110021 RF3 Index: 03050110002118.20 Description: SAMPLED BY SC PCA. FIRST REPORTING DATE / / . BRIDGE OVER TRIBUTARY TO MILL CREEK ON SECONDARY ROAD NO. 404. TRIBUTARY TO MILL CREEK AT BRIDGE ON SECONDARY RD. #404. THIS POINT IS LOCATED 1.4 MILES NORTHEAST OF STATION C-022.	LAT/LON: 33.961115/ -80.902781  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 20.810 RF3 Mile Point: 18.19	Agency: 21SC60WQ FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): C-027 Within Park Boundary: No  Aquifer: Water Body ID: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.04  On/Off RF1: OFF On/Off RF3:
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### Parameter Inventory for Station: COSW0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	72	24.	23.222	28.	10.	13.851	3.722	19.	21.	26.	27.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-10/04/84	19	26.	24.316	32.	13.	29.7	5.45	13.	23.	28.	30.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	07/28/71-10/09/73	3	28.	27.667	30.	25.	6.333	2.517	**	**	**	**
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	12	8.	10.167	22.	2.	41.424	6.436	2.9	5.	15.75	21.4
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	54	9.2	13.983	130.	1.3	425.6	20.63	4.3	5.075	14.	22.
00080 COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	28	95.	99.286	200.	60.	1205.026	34.713	60.	70.	120.	142.
00300 OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	72	5.8	6.026	9.4	1.7	1.806	1.344	4.53	5.4	6.8	7.87
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	13	78.	78.615	100.	65.	125.465	11.201	66.	69.	86.5	98.4
00310 BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	72	3.55	5.171	94.	0.9	116.194	10.779	1.73	2.525	5.15	7.17
00400 PH (STANDARD UNITS)	06/08/73-10/04/84	58	6.3	6.212	7.5	5.	0.178	0.422	5.7	5.9	6.4	6.71
00400 CONVERTED PH (STANDARD UNITS)	06/08/73-10/04/84	58	6.3	5.992	7.5	5.	0.228	0.477	5.7	5.9	6.4	6.71
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-10/04/84	58	0.501	1.019	10.	0.032	2.31	1.52	0.195	0.398	1.259	1.995
00403 PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	64	6.	5.972	6.9	4.6	0.136	0.369	5.55	5.8	6.2	6.45
00403 CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	64	6.	5.779	6.9	4.6	0.174	0.417	5.55	5.8	6.2	6.45
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	64	1.	1.662	25.119	0.126	9.586	3.096	0.357	0.631	1.585	2.837
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	63	7.	8.556	25.	1.	23.09	4.805	4.	6.	10.	14.
00600 NITROGEN, TOTAL (MG/L AS N)	06/11/71-08/18/71	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/72-05/23/72	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/04/83	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-10/04/84	56	0.14	0.199	0.97	0.01	0.032	0.179	0.06	0.09	0.248	0.399
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/11/71-05/16/75	18	0.055	0.14	0.48	0.	0.027	0.163	0.	0.	0.225	0.48
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-10/04/84	17	0.09	0.112	0.3	0.025	0.005	0.072	0.045	0.06	0.14	0.236
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	06/18/75-06/18/75	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/18/71-06/22/84	3	8.	8.333	9.	8.	0.333	0.577	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/21/83-06/22/84	2	1.95	1.95	2.	1.9	0.005	0.071	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/18/71-10/09/73	2	35.045	35.045	70.	0.09	2443.704	49.434	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	7 ##	50.	50.	100.	25.	625.	25.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/04/73-10/07/74	9	1597.	1871.222	3220.	1052.	559961.694	748.306	1052.	1287.5	2475.	3220.
01049 LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	7 ##	25.	46.429	100.	25.	1339.286	36.596	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/11/71-07/28/71	3	790.	1460.	3100.	490.	2039700.	1428.181	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	06/11/71-07/28/71	3	2.898	3.026	3.491	2.69	0.173	0.416	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1062.662								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-05/23/72	20	150.	1131.6	16090.	0.	12975154.358	3602.104	3.8	27.5	315.	3211.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-05/23/72	20	2.172	2.059	4.207	0.	0.928	0.963	0.401	1.401	2.497	3.477
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			114.495								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	70	117.5	496.657	16090.	0.	3915445.823	1978.749	21.	55.25	232.5	546.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	70	2.069	2.068	4.207	0.	0.413	0.643	1.319	1.742	2.366	2.736
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			117.014								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	22	0.045	0.055	0.16	0.01	0.002	0.042	0.013	0.02	0.073	0.142
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-07/28/71	3	790.	1460.	3100.	490.	2039700.	1428.181	**	**	**	**
71205 LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-07/28/71	3	2.898	3.026	3.491	2.69	0.173	0.416	**	**	**	**
71205 GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			1062.662								
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/11/71-06/11/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/30/73-10/07/74	7	0.25	1.275	5.2	0.025	3.401	1.844	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-10/04/84	48	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0117

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	54	2	0.04	36	1	0.03				18	1	0.06			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72	4	0.06	48	4	0.08				24	0	0.00			
00400 PH	Other-Hi Lim.	9.	58	0	0.00	40	0	0.00				18	0	0.00			
	Other-Lo Lim.	6.5	58	49	0.84	40	35	0.88				18	14	0.78			
00403 PH, LAB	Other-Hi Lim.	9.	64	0	0.00	41	0	0.00				23	0	0.00			
	Other-Lo Lim.	6.5	64	60	0.94	41	38	0.93				23	22	0.96			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	56	0	0.00	38	0	0.00				18	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
	Drinking Water	1300.	7	0	0.00	6	0	0.00				1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	5 &	0	0.00	4	0	0.00				1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	1	0.33	2	1	0.50				1	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	20	9	0.45	4	4	1.00	10	2	0.20	6	3	0.50			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	22	0.31	36	11	0.31	10	2	0.20	24	9	0.38			
71900 MERCURY, TOTAL	Fresh Acute	2.4	7	1	0.14	6	1	0.17				1	0	0.00			
	Drinking Water	2.	7	1	0.14	6	1	0.17				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	48	24.5	23.198	28.	10.	17.316	4.161	17.8	21.	26.875	27.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	36	8.55	12.342	90.	1.3	235.523	15.347	4.3	4.925	12.	22.3
00080 COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	17	100.	98.235	200.	60.	1224.816	34.997	60.	67.5	115.	152.
00300 OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	48	5.7	5.775	9.4	1.7	1.961	1.401	4.16	5.225	6.5	7.81
00310 BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	47	3.4	3.645	7.8	1.2	2.193	1.481	1.78	2.5	4.6	5.64
00400 PH (STANDARD UNITS)	06/08/73-10/04/84	40	6.3	6.18	7.	5.2	0.143	0.378	5.7	5.825	6.4	6.6
00400 CONVERTED PH (STANDARD UNITS)	06/08/73-10/04/84	40	6.3	6.013	7.	5.2	0.171	0.414	5.7	5.825	6.4	6.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-10/04/84	40	0.501	0.972	6.31	0.1	1.151	1.073	0.251	0.398	1.503	1.995
00403 PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	41	5.9	5.976	6.9	5.5	0.106	0.325	5.6	5.8	6.1	6.48
00403 CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	41	5.9	5.879	6.9	5.5	0.115	0.34	5.6	5.8	6.1	6.48
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	41	1.259	1.32	3.162	0.126	0.631	0.794	0.333	0.794	1.585	2.512
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	41	7.	8.268	24.	4.	19.451	4.41	4.	6.	10.	14.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-10/04/84	38	0.155	0.221	0.97	0.01	0.039	0.198	0.059	0.105	0.265	0.431
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	36	127.5	238.361	3300.	10.	288882.409	537.478	40.	60.	217.5	403.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	36	2.105	2.08	3.519	1.	0.199	0.446	1.602	1.778	2.337	2.605
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			120.173								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-10/04/84	32	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	10	35.	77.2	230.	0.	7967.289	89.26	0.2	15.5	155.	230.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	10	1.5	1.459	2.362	0.	0.646	0.803	0.03	1.051	2.176	2.362
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.745								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	24	24.	23.271	27.	18.	7.369	2.715	19.5	20.25	25.	26.5
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	18	10.5	17.267	130.	1.7	824.848	28.72	3.77	5.4	17.25	32.8
00080 COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	11	90.	100.909	160.	60.	1289.091	35.904	62.	70.	140.	156.
00300 OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	24	6.55	6.529	9.	4.5	1.172	1.082	5.	5.8	7.2	8.
00310 BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	25	3.9	8.04	94.	0.9	326.399	18.067	1.3	2.7	6.8	9.04
00400 PH (STANDARD UNITS)	06/08/73-10/04/84	18	6.3	6.283	7.5	5.	0.263	0.512	5.72	5.975	6.55	6.87
00400 CONVERTED PH (STANDARD UNITS)	06/08/73-10/04/84	18	6.3	5.949	7.5	5.	0.381	0.617	5.72	5.975	6.55	6.87
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-10/04/84	18	0.501	1.124	10.	0.032	5.088	2.256	0.146	0.287	1.065	2.426
00403 PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	23	6.	5.965	6.8	4.6	0.197	0.444	5.44	5.7	6.2	6.46
00403 CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	23	6.	5.644	6.8	4.6	0.305	0.552	5.44	5.7	6.2	6.46
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	23	1.	2.272	25.119	0.158	25.698	5.069	0.349	0.631	1.995	3.654
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	22	7.	9.091	25.	1.	30.658	5.537	4.6	6.	12.	19.6
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-10/04/84	18	0.13	0.153	0.56	0.04	0.015	0.121	0.058	0.07	0.198	0.299
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	24	160.	1058.875	16090.	10.	10792860.375	3285.249	47.	66.5	503.75	2515.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-10/04/84	24	2.203	2.305	4.207	1.	0.463	0.681	1.671	1.82	2.692	3.366
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			201.797								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-10/04/84	16	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station Inventory for Station: COSW0118

NPS Station ID: COSW0118

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: INTERMITTENT STREAM NR S.C. RECYCLING

RF1 Index: 03050110

RF3 Index: 03050110007200.00

Description:

LAT/LON: 33.882504/ -80.905560

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450178A /IS-1 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 6.40

Distance from RF3: 0.12

Date Created: 11/15/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0119

NPS Station ID: COSW0119

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: SWAMPY AREA NEAR POOLED AREA OF LAGOON

RF1 Index: 03050110

RF3 Index: 03050110052600.82

Description:

LAT/LON: 33.888615/ -80.906949

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.86

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450146I /RO-3 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 6.10

Distance from RF3: 0.69

Date Created: 07/12/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0119

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0120

NPS Station ID: COSW0120

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: DRAINAGE DITCH NORTH OF BLUFF ROAD

RF1 Index: 03050110

RF3 Index: 03050110001900.00

Description:

LAT/LON: 33.884726/ -80.907226

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 5.34

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450180A /DD-3 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.15

Date Created: 11/15/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0121

NPS Station ID: COSW0121

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: OVERFLOW FROM LAGOON AT BLUFF ROAD SITE

RF1 Index: 03050110

RF3 Index: 03050110052600.82

Description:

LAT/LON: 33.888892/ -80.907226

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.86

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450146H /RO-2 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 6.30

Distance from RF3: 0.70

Date Created: 07/12/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0122

NPS Station ID: COSW0122

Location: BLUFF ROAD HAZARDOUS WASTE SITE NR COLUMBIA SC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SANTEE-COOPER RIV BASIN

Minor Basin: OVERFLOW FROM LAGOON AT BLUFF ROAD SITE

RF1 Index: 03050110

RF3 Index: 03050110001903.42

Description:

LAT/LON: 33.888892/ -80.907505

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.29

Agency: 1114PEST

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): 450146G /RO-1 BRH

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.08

Date Created: 07/12/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



## Station Inventory for Station: COSW0123

NPS Station ID: COSW0123      LAT/LON: 33.947226/ -80.911115

Location: MILL CK AT US-76 AT PINEWOOD LK 8MI SE OF COLA

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER      CONGAREE

RF1 Index: 03050110021

RF3 Index: 03050104000207.57

Description:

SAMPLED BY SC PCA. FIRST REPORTING DATE 07/26/65.

AT CAUGHMAN'S POND, 8 MILES SOUTHEAST OF COLUMBIA.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 20.120

RF3 Mile Point: 7.85

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-022

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.47

Date Created: / /

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-06/11/97	151	25.	23.858	32.	10.	18.764	4.332	17.56	21.	27.	28.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-06/11/97	89	27.	26.573	38.	11.	26.151	5.114	20.	23.5	29.75	33.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	07/28/71-10/09/73	3	33.	35.333	45.	28.	76.333	8.737	**	**	**	**
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	17	8.	9.706	21.	3.	35.846	5.987	3.8	5.	14.5	20.2
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-07/23/97	127	4.7	5.983	36.	1.3	27.469	5.241	2.3	3.2	6.9	9.92
00080 COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	33	70.	86.364	180.	40.	1028.551	32.071	57.	65.	110.	136.
00300 OXYGEN, DISSOLVED MG/L	06/16/69-06/11/97	151	7.2	7.201	12.4	2.1	2.664	1.632	5.12	6.2	8.1	9.2
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	15	80.	77.04	99.	50.	134.104	11.58	57.8	73.8	84.	91.2
00310 BOD, 5 DAY, 20 DEG C MG/L	06/16/69-07/23/97	152	3.	3.27	8.6	0.	2.465	1.57	1.6	2.2	4.075	5.44
00400 PH (STANDARD UNITS)	06/08/73-06/11/97	130	6.2	6.277	8.7	3.9	0.322	0.568	5.8	5.988	6.5	6.99
00400 CONVERTED PH (STANDARD UNITS)	06/08/73-06/11/97	130	6.2	5.719	8.7	3.9	0.635	0.797	5.8	5.987	6.5	6.99
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-06/11/97	130	0.631	1.909	125.893	0.002	122.744	11.079	0.103	0.316	1.031	1.585
00403 PH, LAB, STANDARD UNITS SU	06/16/69-09/01/92	116	6.1	6.109	8.4	3.9	0.296	0.544	5.5	5.8	6.475	6.73
00403 CONVERTED PH, LAB, STANDARD UNITS	06/16/69-09/01/92	116	6.1	5.616	8.4	3.9	0.542	0.736	5.5	5.8	6.475	6.73
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-09/01/92	116	0.794	2.421	125.893	0.004	137.187	11.713	0.187	0.337	1.585	3.162
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-06/26/91	72	6.	6.542	18.	1.	11.942	3.456	3.	4.25	8.	10.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/01/76-08/02/84	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-10/04/94	2	1.2	1.2	2.	0.4	1.28	1.131	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	03/09/71-09/21/71	9	0.03	0.029	0.04	0.01	0.	0.009	0.01	0.025	0.035	0.04
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/10/85-07/01/94	2 ##	0.073	0.073	0.12	0.025	0.005	0.067	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/23/72	2 ##	0.068	0.068	0.11	0.025	0.004	0.06	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-07/01/94	3	0.81	0.743	1.04	0.38	0.112	0.335	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	131	0.08	0.149	4.56	0.	0.175	0.418	0.01	0.04	0.14	0.24
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	03/09/71-03/31/71	6	0.13	0.138	0.29	0.04	0.009	0.096	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/71-05/16/75	26	0.03	0.037	0.15	0.	0.002	0.039	0.	0.	0.06	0.099
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-07/23/97	91	0.06	0.064	0.45	0.01	0.003	0.055	0.02	0.03	0.07	0.11
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/18/71-06/22/84	4	6.5	7.5	12.	5.	11.	3.317	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/21/83-06/22/84	2	1.2	1.2	1.4	1.	0.08	0.283	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/09/71-10/09/73	10	3.	10.81	70.	0.1	446.605	21.133	0.29	2.75	8.	64.4
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	8 ##	50.	51.25	110.	25.	691.071	26.288	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	05/04/73-10/07/74	10	1352.5	1339.2	2800.	700.	355380.4	596.138	700.8	927.	1483.5	2672.4
01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	8 ##	25.	68.125	220.	25.	4913.839	70.099	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/04/65-07/28/71	17	2400.	3607.647	15000.	0.	15185719.118	3896.886	48.	1150.	4800.	10280.
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	08/04/65-07/28/71	17	3.38	3.104	4.176	0.	1.05	1.025	1.423	3.057	3.681	4.002
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1269.565								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	30	80.	168.933	1300.	2.	73840.271	271.736	8.2	20.	212.5	474.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	30	1.903	1.8	3.114	0.301	0.447	0.669	0.913	1.301	2.327	2.673
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			63.066								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	134	46.	120.866	2000.	0.5	56699.271	238.116	9.	18.	130.	295.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	134	1.663	1.638	3.301	-0.301	0.438	0.662	0.954	1.255	2.114	2.47
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.444								
31649	ENTEROCOCCI- ME-MF N0/100ML	07/23/97-07/23/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	07/23/97-07/23/97	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			7.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	22	0.03	0.035	0.11	0.01	0.001	0.023	0.01	0.02	0.043	0.067
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	07/26/65-07/28/71	8	280.	475.	1300.	0.	284085.714	532.997	**	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	07/26/65-07/28/71	8	2.44	2.191	3.114	0.	1.017	1.008	**	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			155.36								
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/09/71-03/22/71	4	0.095	0.105	0.2	0.03	0.005	0.07	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/30/73-10/07/74	8	0.55	3.628	25.	0.025	74.764	8.647	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-06/11/97	119	0.3	0.323	3.	0.3	0.061	0.248	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0123

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----	-----11/16-3/31-----	-----4/01-6/30-----	-----n/a-----
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	127	0	0.00	84	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	151	4	0.03	93	3	0.03
00400	PH	Other-Hi Lim.	9.	130	0	0.00	86	0	0.00
		Other-Lo Lim.	6.5	130	100	0.77	86	68	0.79
00403	PH, LAB	Other-Hi Lim.	9.	116	0	0.00	70	0	0.00
		Other-Lo Lim.	6.5	116	92	0.79	70	54	0.77
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	131	0	0.00	89	0	0.00
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00
		Drinking Water	250.	10	0	0.00	3	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00			
		Drinking Water	5.	0 &	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1 &	1	1.00	1	1	1.00
		Drinking Water	1300.	8	0	0.00	7	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	6 &	1	0.17	5	1	0.20
		Drinking Water	15.	1 &	1	1.00	1	1	1.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	17	14	0.82	2	1	0.50
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	8	0.27	4	3	0.75
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	134	22	0.16	71	10	0.14
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	1	0.13	7	1	0.14
		Drinking Water	2.	8	1	0.13	7	1	0.14

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-06/11/97	93	26.	24.46	32.	12.	18.546	4.307	17.88	22.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-06/11/97	58	27.	26.922	38.	13.	26.77	5.174	20.8	23.75	34.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-07/23/97	84	4.35	5.64	36.	1.3	24.577	4.957	2.2	6.45	9.05
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	16	75.	90.938	180.	40.	1290.729	35.927	57.5	66.25	145.
00300p	OXYGEN, DISSOLVED MG/L	06/16/69-06/11/97	93	7.1	7.073	12.	2.5	2.471	1.572	4.88	6.1	9.12
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-07/23/97	95	2.9	3.061	8.4	0.4	2.133	1.46	1.5	2.	4.94
00400	PH (STANDARD UNITS)	06/08/73-06/11/97	86	6.2	6.256	8.7	3.9	0.343	0.586	5.77	5.988	6.83
00400	CONVERTED PH (STANDARD UNITS)	06/08/73-06/11/97	86	6.2	5.616	8.7	3.9	0.759	0.871	5.77	5.987	6.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-06/11/97	86	0.631	2.424	125.893	0.002	184.67	13.589	0.149	0.316	1.708
00403	PH, LAB, STANDARD UNITS SU	06/16/69-09/01/92	70	6.1	6.137	8.4	5.2	0.277	0.526	5.5	5.8	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-09/01/92	70	6.1	5.897	8.4	5.2	0.335	0.579	5.5	5.8	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-09/01/92	70	0.794	1.267	6.31	0.004	1.733	1.316	0.2	0.378	3.162
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-06/26/91	41	6.	6.78	18.	2.	15.626	3.953	3.	4.	13.6
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/23/97	89	0.06	0.151	4.56	0.	0.248	0.498	0.01	0.03	0.23
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-07/23/97	62	0.05	0.062	0.45	0.01	0.004	0.06	0.02	0.03	0.107
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	4	220.	335.	790.	110.	94766.667	307.842	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	4	2.342	2.406	2.898	2.041	0.128	0.358	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			254.532							
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	71	40.	112.746	2000.	0.5	68103.213	260.966	5.2	15.	238.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	71	1.602	1.562	3.301	-0.301	0.506	0.711	0.715	1.176	2.377
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.497							
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-06/11/97	77	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-06/11/97	5	12.	12.8	15.	10.	4.7	2.168	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	2	55.	55.	60.	50.	50.	7.071	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/16/69-06/11/97	5	9.9	9.88	10.5	9.1	0.282	0.531	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-07/23/97	4	1.7	2.125	5.1	0.	4.682	2.164	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/16/69-09/01/92	5	5.6	5.32	6.	3.9	0.697	0.835	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-09/01/92	5	5.6	4.565	6.	3.9	1.409	1.187	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-09/01/92	5	2.512	27.2	125.893	1.	3046.152	55.192	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-06/26/91	5	4.	3.6	6.	2.	2.8	1.673	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	15	20.	52.	170.	2.	2857.714	53.458	5.6	20.	146.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	15	1.301	1.465	2.23	0.301	0.28	0.529	0.662	1.301	2.161
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.169							
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	15	20.	52.	170.	2.	2857.714	53.458	5.6	20.	146.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	15	1.301	1.465	2.23	0.301	0.28	0.529	0.662	1.301	2.161
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.169							

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-06/11/97	53	25.	23.843	29.	17.	8.548	2.924	19.52	21.75	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-06/11/97	31	27.	25.919	34.	11.	25.168	5.017	18.4	23.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-07/23/97	43	5.2	6.653	34.	2.	33.145	5.757	2.64	3.2	13.4
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	15	80.	85.667	140.	55.	799.524	28.276	58.	65.	140.
00300p	OXYGEN, DISSOLVED MG/L	06/16/69-06/11/97	53	7.3	7.174	12.4	2.1	2.571	1.603	5.14	6.45	8.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-07/23/97	53	3.3	3.73	8.6	1.4	2.635	1.623	2.14	2.4	6.4
00400	PH (STANDARD UNITS)	06/08/73-06/11/97	44	6.275	6.316	7.7	5.1	0.286	0.534	5.8	5.925	7.15

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

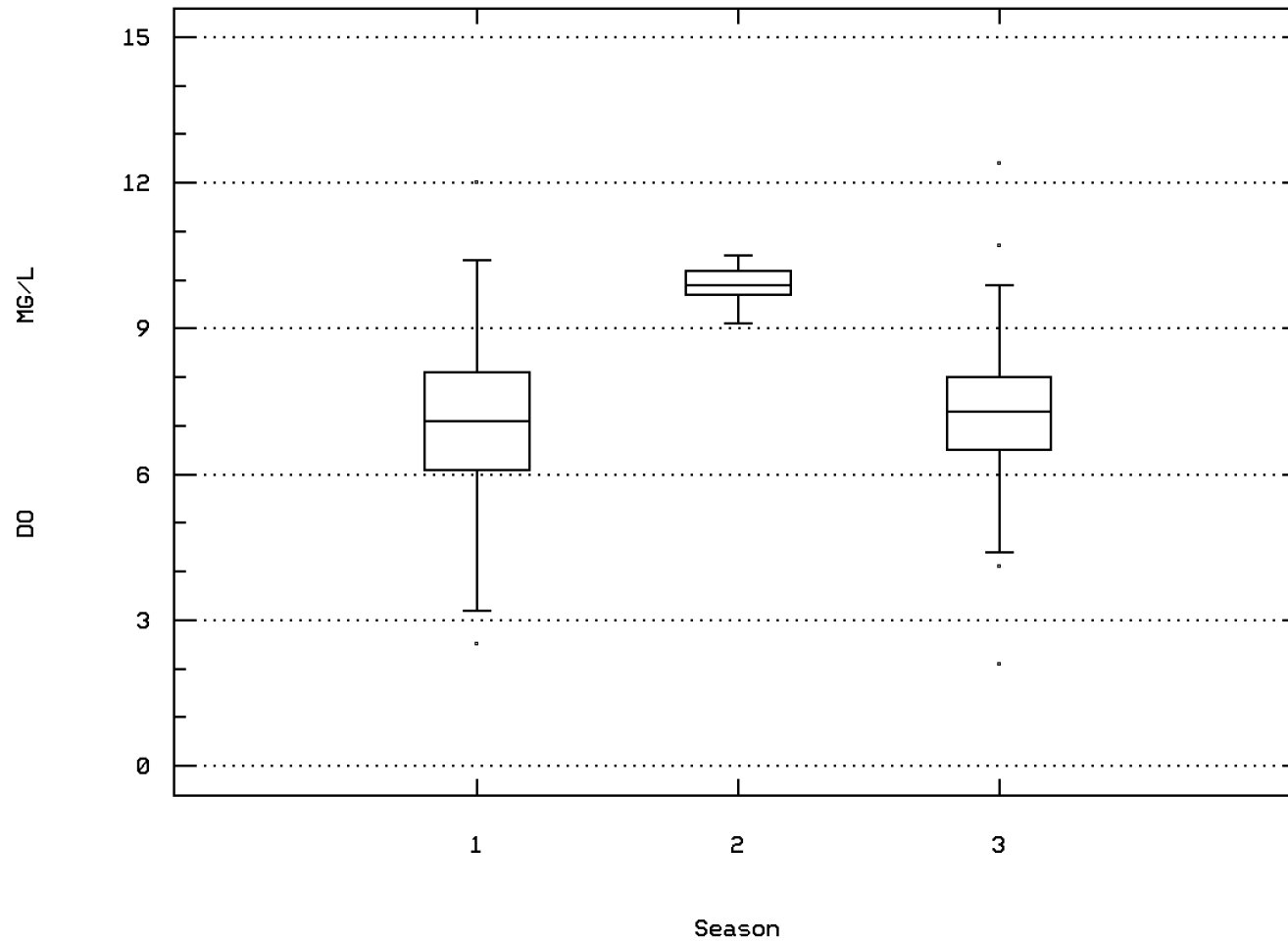
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	06/08/73-06/11/97	44	6.274	6.045	7.7	5.1	0.361	0.601	5.8	5.925	6.6	7.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/73-06/11/97	44	0.532	0.902	7.943	0.02	1.619	1.272	0.071	0.251	1.194	1.585
00403	PH, LAB, STANDARD UNITS SU	06/16/69-09/01/92	41	6.2	6.159	7.	4.8	0.222	0.472	5.62	5.8	6.5	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-09/01/92	41	6.2	5.863	7.	4.8	0.312	0.558	5.62	5.8	6.5	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-09/01/92	41	0.631	1.37	15.849	0.1	6.593	2.568	0.158	0.316	1.585	2.409
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-06/26/91	26	6.	6.731	14.	1.	6.605	2.57	4.4	5.75	8.	10.
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/23/97	42	0.12	0.145	0.88	0.01	0.021	0.146	0.01	0.078	0.17	0.291
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-07/23/97	29	0.065	0.069	0.2	0.01	0.002	0.044	0.02	0.04	0.085	0.14
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	11	170.	268.	1300.	5.	139369.	373.322	8.	23.	330.	1138.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/04/68-06/03/94	11	2.23	2.036	3.114	0.699	0.491	0.701	0.819	1.362	2.519	3.029
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)				108.668								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	48	60.	154.396	1300.	5.	55403.989	235.381	9.9	20.	212.5	441.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/04/68-07/23/97	48	1.778	1.804	3.114	0.699	0.356	0.597	0.995	1.301	2.327	2.644
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				63.67								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/04/73-06/11/97	42	0.3	0.364	3.	0.3	0.174	0.417	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0123 Parameter Code: 00300

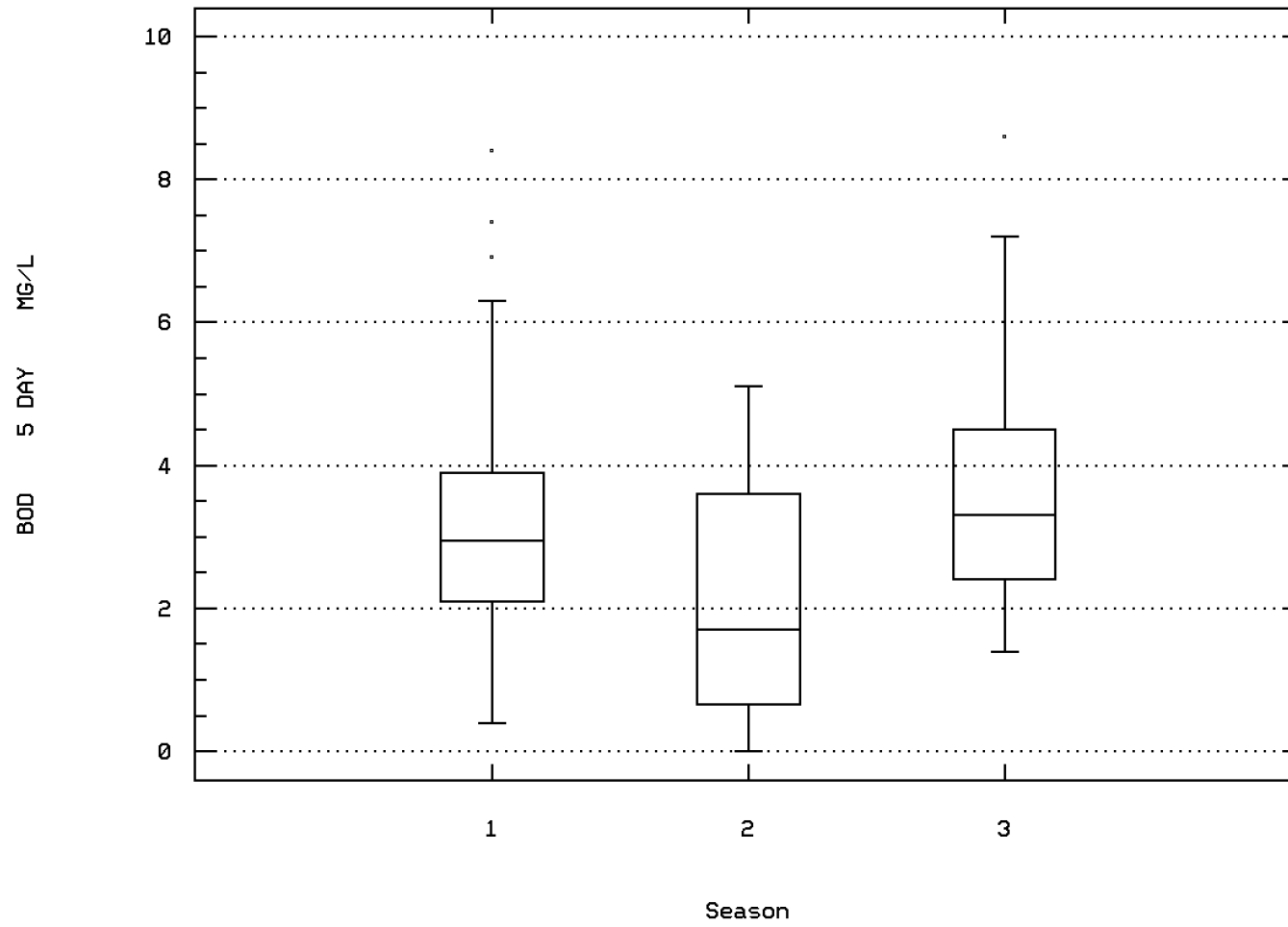
OXYGEN, DISSOLVED



MILL CK AT US-76 AT PINWOOD LK 8MI SE

Station: COSW0123 Parameter Code: 00310

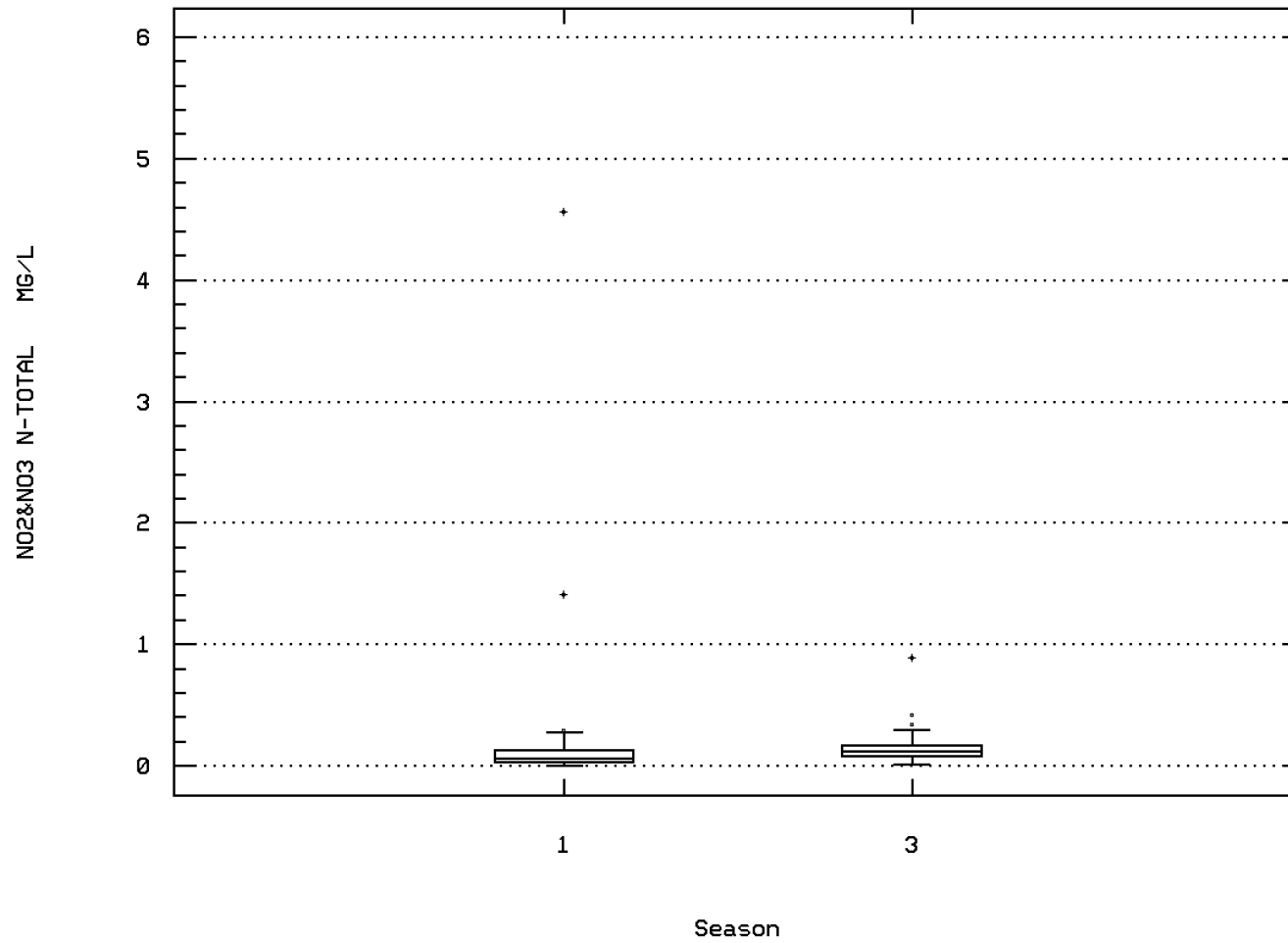
BOD, 5 DAY, 20 DEG C



MILL CK AT US-76 AT PINEWOOD LK 8MI SE

Station: COSW0123 Parameter Code: 00630

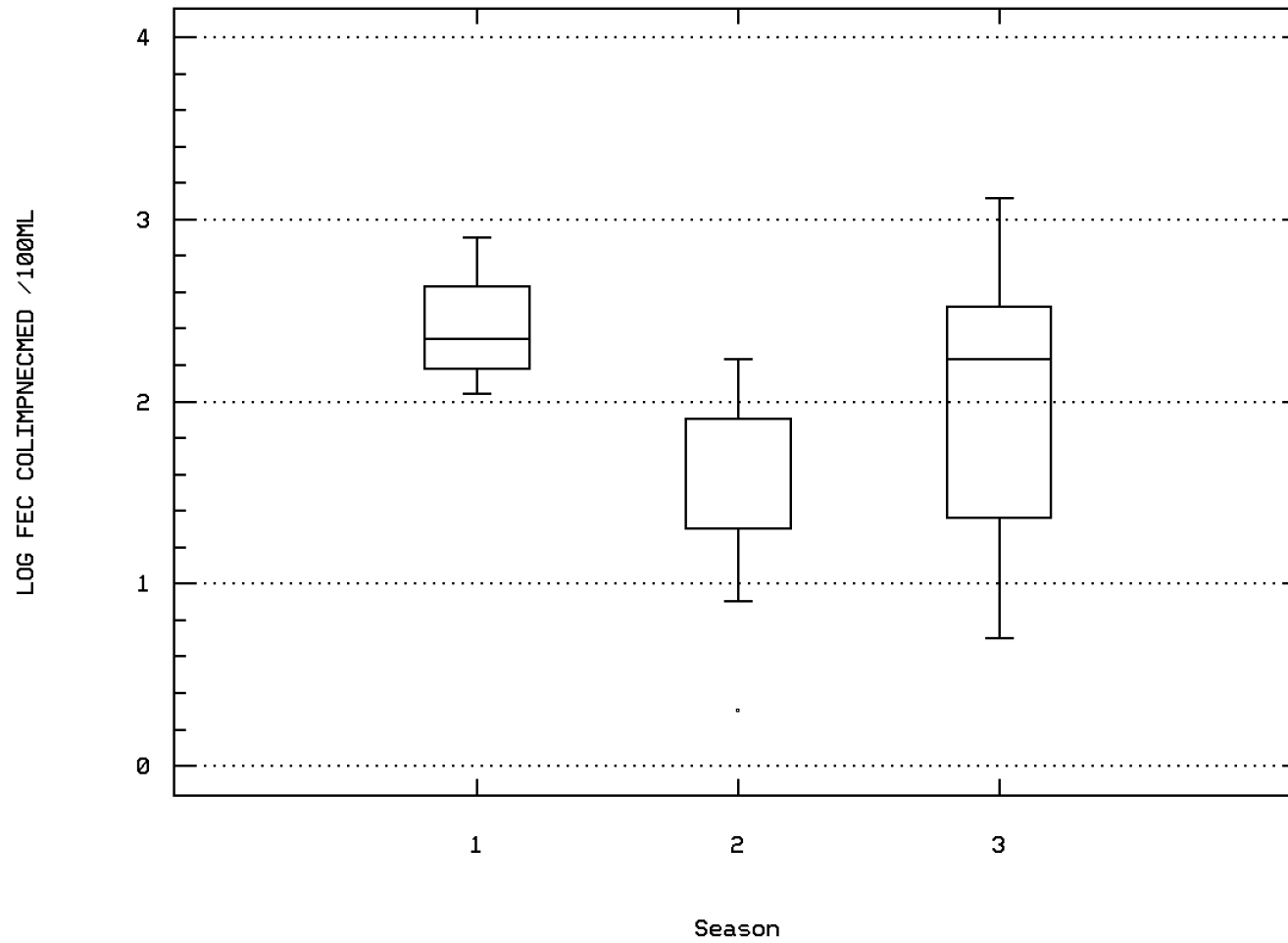
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



MILL CK AT US-76 AT PINEWOOD LK 8MI SE

Station: COSW0123 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C <TU

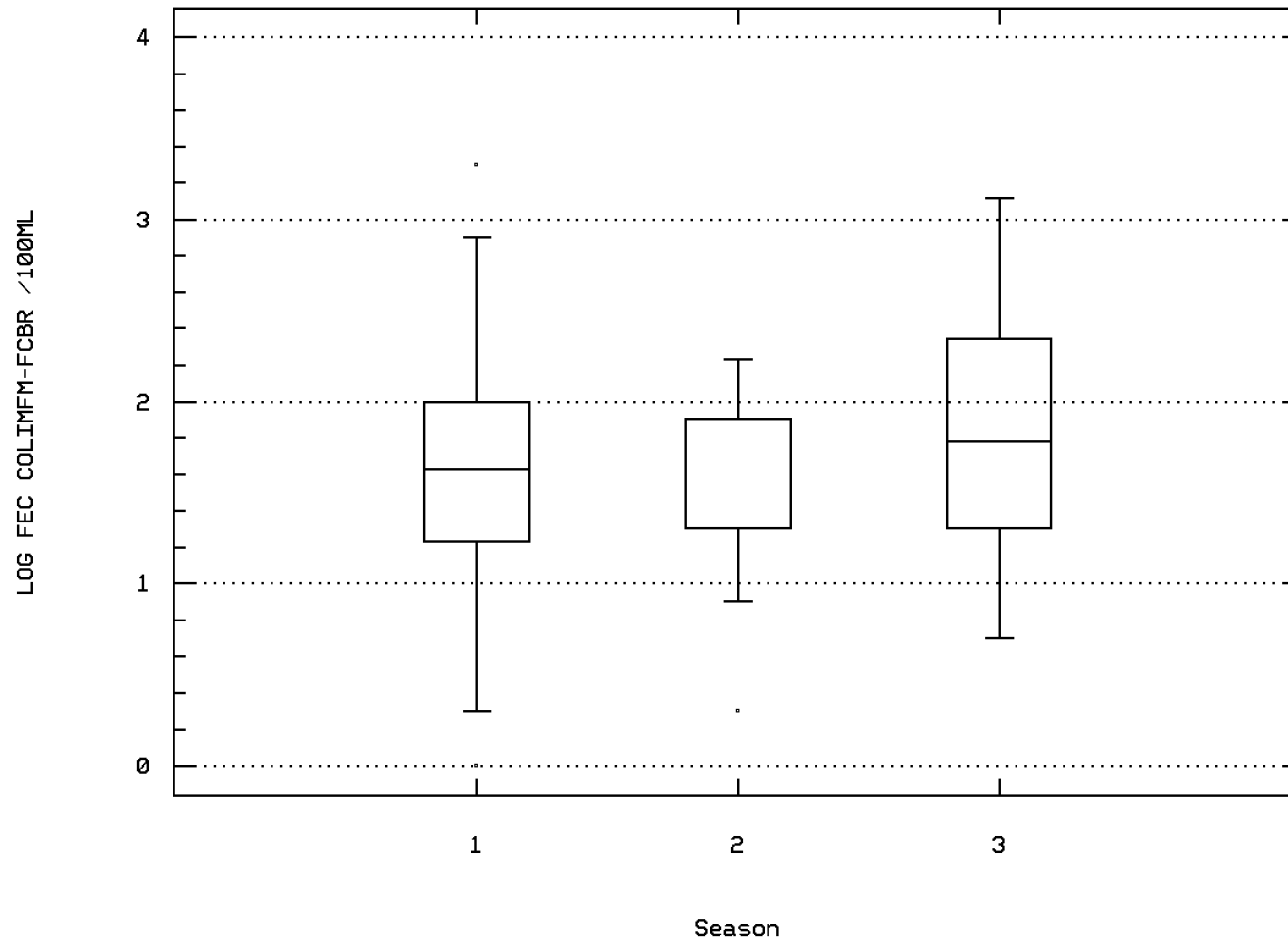


MILL CK AT US-76 AT PINEWOOD LK 8MI SE



Station: COSW0123 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



MILL CK AT US-76 AT PINEWOOD LK 8MI SE

## Station Inventory for Station: COSW0124

NPS Station ID: COSW0124 Location: MILL CK AT SPILLWAY OF LK ON CO RD 404 Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: SANTEE COOPER RF1 Index: 03050110021 RF3 Index: 03050110002401.58 Description: SAMPLED BY SC PCA. FIRST REPORTING DATE 02/07/63. THIS IS ON COUNTY ROAD NO. 404.	LAT/LON: 33.966670/ -80.911115          Depth of Water: 0 Elevation: 0  RF1 Mile Point: 21.610 RF3 Mile Point: 8.64   MILL CREEK AT SPILLWAY OF LAKE 1.2 MILES DOWNSTREAM FROM S.C. 262,	Agency: 21SC60WQ FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): C-020 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.03  On/Off RF1: OFF On/Off RF3:
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### Parameter Inventory for Station: COSW0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	91	24.	22.604	30.	7.	29.697	5.45	14.	20.	27.	28.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/80-10/04/84	20	26.	24.275	33.	11.	33.618	5.798	11.65	22.25	27.	30.7
00070 TURBIDITY, (JACKSON CANDLE UNITS)	06/07/71-10/09/73	6	30.5	31.667	42.	25.	39.867	6.314	**	**	**	**
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/19/69-09/17/73	24	7.	7.792	17.	3.	13.303	3.647	4.	5.	10.	14.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	54	4.5	5.867	30.	1.7	21.254	4.61	2.5	3.075	7.425	10.5
00080 COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	43	70.	86.279	180.	30.	1829.873	42.777	40.	55.	100.	160.
00300 OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	91	7.	7.154	11.8	4.7	2.857	1.69	5.3	5.9	8.	9.88
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/16/69-10/04/72	21	80.	81.195	100.	59.	116.531	10.795	64.24	75.25	89.4	93.8
00310 BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	89	2.6	3.13	13.2	0.3	3.665	1.915	1.3	2.05	3.8	5.5
00400 PH (STANDARD UNITS)	11/08/72-10/04/84	59	6.2	6.217	7.4	5.6	0.133	0.365	5.7	5.9	6.5	6.7
00400 CONVERTED PH (STANDARD UNITS)	11/08/72-10/04/84	59	6.2	6.084	7.4	5.6	0.151	0.389	5.7	5.9	6.5	6.7
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-10/04/84	59	0.631	0.824	2.512	0.04	0.405	0.636	0.2	0.316	1.259	1.995
00403 PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	81	5.9	5.877	8.8	3.3	0.381	0.617	5.5	5.7	6.1	6.4
00403 CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	81	5.9	4.996	8.8	3.3	1.167	1.08	5.5	5.7	6.1	6.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	81	1.259	10.102	501.187	0.002	3291.99	57.376	0.398	0.794	1.995	3.162
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	78	6.	7.205	40.	1.	27.022	5.198	4.	4.	8.	14.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-06/23/78	3	4.	4.333	6.	3.	2.333	1.528	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	03/09/71-09/21/71	9	0.04	0.033	0.07	0.01	0.	0.018	0.01	0.02	0.04	0.07
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/23/72	5	0.15	0.149	0.27	0.025	0.008	0.088	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/04/83	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-10/04/84	67	0.08	0.13	0.59	0.01	0.017	0.13	0.02	0.04	0.17	0.36
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	03/09/71-03/31/71	6	0.105	0.105	0.19	0.05	0.002	0.048	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/71-05/16/75	33	0.05	0.132	0.8	0.	0.033	0.182	0.	0.02	0.195	0.366
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/14/80-10/04/84	17	0.13	0.158	0.57	0.02	0.017	0.129	0.024	0.08	0.22	0.306
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/18/71-06/22/84	4	6.	6.25	8.	5.	2.25	1.5	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/21/83-06/22/84	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	03/09/71-10/09/73	10	3.	6.92	33.	0.2	109.131	10.447	0.38	2.	6.75	31.5
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/73-09/17/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/30/73-10/07/74	7 ##	50.	42.857	50.	25.	148.81	12.199	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/08/72-10/07/74	13	1260.	1132.692	1790.	249.	248318.397	498.316	329.4	720.	1572.5	1762.8
01049 LEAD, DISSOLVED (UG/L AS PB)	07/30/73-10/07/74	7 ##	25.	46.429	100.	25.	1339.286	36.596	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/04/65-08/18/71	17	1700.	3809.412	16000.	20.	19830318.382	4453.125	76.	270.	6800.	10480.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	08/04/65-08/18/71	17	3.23	3.112	4.204	1.301	0.689	0.83	1.824	2.427	3.822	4.008
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1295.633								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/69-05/23/72	22	130.	378.977	5420.	2.5	1296124.202	1138.475	6.5	20.	185.	646.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/69-05/23/72	22	2.114	1.898	3.734	0.398	0.568	0.753	0.789	1.301	2.263	2.776
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			79.086								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	79	80.	217.956	5420.	1.	390678.77	625.043	10.	25.	200.	480.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	79	1.903	1.867	3.734	0.	0.398	0.631	1.	1.398	2.301	2.681
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73.694								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-10/26/79	22	0.04	0.05	0.12	0.02	0.001	0.027	0.023	0.03	0.063	0.1
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	02/07/63-08/18/71	15	790.	1751.333	16000.	20.	15956012.381	3994.498	86.	230.	1300.	7840.
71205 LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	02/07/63-08/18/71	15	2.898	2.753	4.204	1.301	0.424	0.652	1.789	2.362	3.114	3.71
71205 GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			566.416								
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/09/71-06/01/71	5	0.06	0.08	0.2	0.03	0.005	0.069	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	02/04/72-10/07/74	11	0.3	7.148	70.	0.025	435.243	20.862	0.04	0.2	1.9	56.42
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-10/04/84	53	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0124

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15			11/16-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	54	0	0.00	36	0	0.00			18	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	91	0	0.00	52	0	0.00	11	0	0.00	28	0	0.00		
00400	PH	Other-Hi Lim.	9.	59	0	0.00	41	0	0.00			18	0	0.00			
		Other-Lo Lim.	6.5	59	50	0.85	41	35	0.85			18	15	0.83			
00403	PH, LAB	Other-Hi Lim.	9.	81	0	0.00	44	0	0.00	11	0	0.00	26	0	0.00		
		Other-Lo Lim.	6.5	81	77	0.95	44	42	0.95	11	11	1.00	26	24	0.92		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	67	0	0.00	41	0	0.00	5	0	0.00	21	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00		
		Drinking Water	250.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00						1	0	0.00			
		Drinking Water	5.	0 &	0	0.00											
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00								
01040	COPPER, DISSOLVED	Fresh Acute	18.	0 &	0	0.00											
		Drinking Water	1300.	7	0	0.00	6	0	0.00			1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	5 &	0	0.00	4	0	0.00			1	0	0.00			
		Drinking Water	15.	0 &	0	0.00											
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	17	10	0.59	6	1	0.17			11	9	0.82			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	5	0.23	8	2	0.25	6	1	0.17	8	2	0.25		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	79	20	0.25	39	9	0.23	10	2	0.20	30	9	0.30		
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	1	0.09	7	0	0.00	2	1	0.50	2	0	0.00		
		Drinking Water	2.	11	2	0.18	7	1	0.14	2	1	0.50	2	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	52	26.	24.356	30.	13.	17.405	4.172	18.15	22.	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	36	4.1	5.144	15.	1.7	9.967	3.157	1.91	2.825	7.375
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	21	90.	99.048	180.	30.	2251.548	47.45	42.	67.5	145.
00300	OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	52	6.15	6.444	10.	4.7	1.529	1.236	5.	5.425	7.375
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	51	2.6	3.143	13.2	0.7	3.946	1.986	1.3	2.	3.8
00400	PH (STANDARD UNITS)	11/08/72-10/04/84	41	6.2	6.195	7.4	5.6	0.154	0.392	5.7	5.9	6.45
00400	CONVERTED PH (STANDARD UNITS)	11/08/72-10/04/84	41	6.2	6.051	7.4	5.6	0.175	0.419	5.7	5.9	6.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-10/04/84	41	0.631	0.889	2.512	0.04	0.481	0.693	0.21	0.357	1.259
00403	PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	44	5.9	5.87	6.7	3.3	0.31	0.557	5.6	5.7	6.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	44	5.9	4.852	6.7	3.3	1.371	1.171	5.6	5.7	6.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	44	1.259	14.051	501.187	0.2	5734.238	75.725	0.398	0.794	1.995
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	42	6.	7.048	18.	2.	16.046	4.006	4.	4.	8.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-10/04/84	41	0.08	0.121	0.59	0.01	0.016	0.128	0.02	0.04	0.135
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	39	92.	155.692	1000.	10.	41174.692	202.915	17.	40.	170.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	39	1.964	1.931	3.	1.	0.241	0.491	1.23	1.602	2.23
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			85.381							2.602
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-10/04/84	33	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	11	12.	12.5	18.	7.	13.55	3.681	7.2	10.	16.
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	6	50.	58.333	100.	35.	646.667	25.43	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	11	10.2	10.073	11.8	8.4	1.654	1.286	8.44	8.7	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	9	1.8	2.289	4.9	0.3	2.744	1.656	0.3	0.95	4.05
00403	PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	11	5.8	5.773	6.5	4.7	0.226	0.476	4.84	5.5	6.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	11	5.8	5.476	6.5	4.7	0.323	0.568	4.84	5.5	6.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	11	1.585	3.34	19.953	0.316	31.618	5.623	0.412	0.794	3.162
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	10	5.	9.1	40.	1.	133.433	11.551	1.3	4.	8.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-10/04/84	5	0.37	0.304	0.5	0.13	0.025	0.159	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	10	35.	622.1	5420.	1.	2864540.767	1692.495	1.4	8.75	222.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/69-10/04/84	10	1.5	1.636	3.734	0.	1.109	1.053	0.07	0.925	2.26
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.25							3.63
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-10/04/84	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/69-10/04/84	28	24.	23.321	28.	14.	13.06	3.614	18.6	20.625	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/19/74-10/04/84	18	5.5	7.311	30.	2.9	42.429	6.514	2.99	4.1	7.55
00080	COLOR (PLATINUM-COBALT UNITS)	06/19/69-06/02/76	16	67.5	80.	160.	30.	1323.333	36.378	44.	51.25	100.
00300	OXYGEN, DISSOLVED MG/L	06/16/69-10/04/84	28	7.1	7.325	10.5	5.4	1.55	1.245	5.86	6.375	7.95
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/69-10/04/84	29	2.8	3.369	8.8	1.3	3.402	1.845	1.5	2.4	3.75
00400	PH (STANDARD UNITS)	11/08/72-10/04/84	18	6.3	6.267	6.7	5.8	0.088	0.297	5.8	5.975	6.5
00400	CONVERTED PH (STANDARD UNITS)	11/08/72-10/04/84	18	6.3	6.171	6.7	5.8	0.098	0.313	5.8	5.975	6.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-10/04/84	18	0.501	0.675	1.585	0.2	0.217	0.466	0.2	0.316	1.065
00403	PH, LAB, STANDARD UNITS SU	06/16/69-08/02/84	26	5.9	5.931	8.8	3.9	0.587	0.766	5.47	5.675	6.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/16/69-08/02/84	26	5.9	5.202	8.8	3.9	1.139	1.067	5.47	5.675	6.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/69-08/02/84	26	1.259	6.281	125.893	0.002	596.081	24.415	0.389	0.794	2.124
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/16/69-08/02/84	26	6.	6.731	14.	3.	7.165	2.677	4.	4.75	8.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-10/04/84	21	0.06	0.106	0.34	0.01	0.009	0.096	0.02	0.03	0.17

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/69-10/04/84	30	80.	164.183	790.	2.5	43316.422	208.126	10.	24.75	200.	579.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/16/69-10/04/84	30	1.903	1.861	2.898	0.398	0.387	0.622	1.	1.394	2.301	2.762
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			72.691								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-10/04/84	17	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0125

NPS Station ID: COSW0125  
 Location: JACKSON CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.067837/ -80.917087

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-568  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	23.	21.864	27.	15.	21.105	4.594	15.2	16.5	26.	26.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	29.25	27.3	35.	16.5	41.789	6.464	16.7	21.875	32.375	34.85
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	7.2	7.309	8.5	6.5	0.489	0.699	6.52	6.7	7.7	8.5
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.7	5.732	6.5	4.65	0.281	0.53	4.78	5.4	6.2	6.46
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.7	5.407	6.5	4.65	0.397	0.63	4.78	5.4	6.2	6.46
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	1.995	3.914	22.387	0.316	40.075	6.33	0.353	0.631	3.981	18.912
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	10	3.5	7.	22.	2.	59.556	7.717	2.	2.75	9.	21.9
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.38	0.411	0.64	0.31	0.011	0.103	0.312	0.34	0.44	0.624
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.04	0.047	0.08	0.03	0.	0.015	0.03	0.04	0.06	0.076
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11	0.03	0.05	0.2	0.01	0.003	0.053	0.01	0.02	0.06	0.172
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	4	65.	78.5	160.	24.	3342.333	57.813	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	4	1.812	1.802	2.204	1.38	0.114	0.338	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			63.372								
71900 MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0125

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0125

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01027	CADMIUM, TOTAL	Fresh Acute 3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water 100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute 18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute 82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute 1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute 120.	1	0	0.00							1	0	0.00			
	Drinking Water	5000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	4	0	0.00	3	0	0.00	1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute 2.4	1	0	0.00							1	0	0.00			
	Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0126

NPS Station ID: COSW0126  
 Location: GILLS CREEK  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.033948/ -80.917753

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-571  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	20.	19.227	24.	13.	16.818	4.101	13.2	15.5	23.	24.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	26.75	24.65	33.	15.	37.892	6.156	15.2	19.25	29.25	32.7
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	7.	7.182	8.4	6.1	0.444	0.666	6.2	6.7	7.8	8.32
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.5	5.418	6.1	4.8	0.144	0.379	4.82	5.1	5.7	6.02
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.5	5.271	6.1	4.8	0.168	0.409	4.82	5.1	5.7	6.02
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	3.162	5.363	15.849	0.794	23.224	4.819	1.035	1.995	7.943	15.197
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	11	4.	22.636	200.	2.	3469.455	58.902	2.	3.	10.	162.2
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.27	0.284	0.53	0.15	0.01	0.101	0.162	0.24	0.28	0.504
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.02	0.029	0.09	0.01	0.001	0.026	0.01	0.01	0.04	0.084
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11 ##	0.01	0.047	0.34	0.01	0.01	0.098	0.01	0.01	0.04	0.284
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01028 CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029 CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	12/05/94-12/05/94	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	4	112.	116.5	180.	62.	2870.333	53.575	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	4	2.035	2.03	2.255	1.792	0.044	0.21	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			107.033								
32101 BROMODICHLOROMETHANE, WHOLE WATER, UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE, WHOLE WATER, UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104 BROMOFORM, WHOLE WATER, UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE, WHOLE WATER, UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106 CHLOROFORM, WHOLE WATER, UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR. (UG/L)	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR. (UG/L)	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34257 B-BHC-BETA DRY WGT BOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	07/11/94-07/11/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/11/94-07/11/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1	11.	11.	11.	11.	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1	8.06	8.06	8.06	8.06	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1	3.48	3.48	3.48	3.48	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0126

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
00400	PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	11	11	1.00	8	8	1.00	2	2	1.00	1	1	1.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00						1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00						1	0	0.00			
		Drinking Water	1300.	1	0	0.00						1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00						1	0	0.00			
		Drinking Water	15.	0 &	0	0.00											
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00						1	0	0.00			
		Drinking Water	100.	1	0	0.00						1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00						1	0	0.00			
		Drinking Water	5000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	3	0	0.00	1	0	0.00					
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00								
		Drinking Water	1000.	1	0	0.00	1	0	0.00								
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00								
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00								
		Drinking Water	700.	1	0	0.00	1	0	0.00								
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00								
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00								
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00								
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00								
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00								
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00						1	0	0.00			
		Drinking Water	2.	1	0	0.00						1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0127

NPS Station ID: COSW0127  
 Location: JACKSON CRK AT ALPINE RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.078892/ -80.921116

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695610  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	22.	22.	22.	22.	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	1	753.	753.	753.	753.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	1	30.	30.	30.	30.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/96-09/16/96	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/16/96-09/16/96	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	1	2.	2.	2.	2.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	1	300.	300.	300.	300.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	1	11.	11.	11.	11.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	640.	640.	640.	640.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	2.806	2.806	2.806	2.806	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	2.806	2.806	2.806	2.806	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	920.	920.	920.	920.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	2.964	2.964	2.964	2.964	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	2.964	2.964	2.964	2.964	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/16/96-09/16/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418 METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/16/96-09/16/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/96-09/16/96	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	1	48.	48.	48.	48.	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77613	1,2,3-TRICHLOROENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	1	6.	6.	6.	6.	0.	0.	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0127

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: COSW0127

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0	& 0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0128

NPS Station ID: COSW0128  
 Location: GILLS CREEK AT BOYDEN ARBOR RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.040282/ -80.927782

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169560  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	1	755.	755.	755.	755.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/17/96-09/17/96	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/17/96-09/17/96	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	7.943	7.943	7.943	7.943	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/17/96-09/17/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/17/96-09/17/96	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/17/96-09/17/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	1	26.	26.	26.	26.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
04040 DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	871.	871.	871.	871.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	2.94	2.94	2.94	2.94	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/96-09/17/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	1	62.	62.	62.	62.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6- 0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0128

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SMPLE	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0129

NPS Station ID: COSW0129  
 Location: TRIB TO LITTLE JACKSON CK AT RABON RD COLUMBIA,  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.096948/ -80.939448

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695614  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	20.	20.	20.	20.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	1	758.	758.	758.	758.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/96-09/16/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	1	45.	45.	45.	45.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/96-09/16/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	1	9.	9.	9.	9.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/16/96-09/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	1	1.	1.	1.	1.	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/16/96-09/16/96	1	6.	6.	6.	6.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	1	6.	6.	6.	6.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	1	30.	30.	30.	30.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	1	15.	15.	15.	15.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	350.	350.	350.	350.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	2.544	2.544	2.544	2.544	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =		350.									
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	280.	280.	280.	280.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	2.447	2.447	2.447	2.447	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =		280.									
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38933	CHLORPYRIFOS,DISSOLVED UG/L	09/16/96-09/16/96	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39086	ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/16/96-09/16/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260	INVALID PARAMETER	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/96-09/16/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	1	74.	74.	74.	74.	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPIC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0129

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0130

NPS Station ID: COSW0130      LAT/LON: 34.066670/ -80.941670

Location: WINDSOR LK SPILLWHY ON WINDSOR LK BLVD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER      CONGAREE

RF1 Index: 03050110027

RF3 Index: 03050110043200.00

Description:

SAMPLED BY SC PCA. FIRST REPORTING DATE 06/05/69.

WINDSOR LAKE, SPILLWAY ON WINDSOR LAKE BLVD.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.220

RF3 Mile Point: 0.00

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-048

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 3.00

Distance from RF3: 0.03

Date Created: / /

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/71-06/10/97	144	26.	25.135	33.	6.	20.186	4.493	19.	22.625	28.	30.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/80-06/10/97	89	25.	24.921	37.	11.	31.443	5.607	16.5	21.75	28.	32.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	02/10/71-08/31/73	2	31.	31.	37.	25.	72.	8.485	**	**	**	**
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	06/10/71-10/11/73	15	8.	9.9	19.	3.	23.793	4.878	3.6	7.	13.	17.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/31/74-07/22/97	127	5.	6.06	29.	0.2	17.824	4.222	2.5	3.5	7.2	11.
00080 COLOR (PLATINUM-COBALT UNITS)	02/10/71-06/14/76	28	70.	89.321	210.	6.	2258.078	47.519	34.	60.	115.	160.
00300 OXYGEN, DISSOLVED MG/L	02/10/71-06/10/97	144	7.5	7.598	12.2	4.2	1.712	1.308	5.85	6.8	8.4	9.4
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/10/71-09/15/72	13	86.	76.992	100.	50.	347.247	18.635	50.	55.65	92.5	98.
00310 BOD, 5 DAY, 20 DEG C MG/L	02/10/71-07/22/97	147	3.3	3.703	14.4	1.	3.846	1.961	1.78	2.5	4.4	5.92
00400 PH (STANDARD UNITS)	03/01/71-06/10/97	132	6.5	6.485	8.5	4.6	0.361	0.601	5.765	6.113	6.8	7.3
00400 CONVERTED PH (STANDARD UNITS)	03/01/71-06/10/97	132	6.5	6.065	8.5	4.6	0.539	0.734	5.765	6.112	6.8	7.3
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/10/97	132	0.316	0.861	25.119	0.003	5.624	2.371	0.05	0.158	0.773	1.72
00403 PH, LAB, STANDARD UNITS SU	02/10/71-08/26/92	110	6.1	6.055	8.5	3.2	0.458	0.677	5.22	5.7	6.5	6.7
00403 CONVERTED PH, LAB, STANDARD UNITS	02/10/71-08/26/92	110	6.1	5.101	8.5	3.2	1.378	1.174	5.22	5.7	6.5	6.7
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/71-08/26/92	110	0.794	7.933	630.957	0.003	3614.094	60.117	0.2	0.316	1.995	6.077
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/10/71-08/12/93	70	4.	5.029	18.	0.	11.072	3.327	2.	3.	6.	10.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-08/10/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/79-05/10/85	2 ##	0.043	0.043	0.06	0.025	0.001	0.025	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/72-05/23/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/79-05/10/85	3	0.66	0.73	1.12	0.41	0.13	0.36	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-07/22/97	133	0.02	0.031	0.19	0.	0.001	0.032	0.01	0.01	0.04	0.07
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-03/01/71	2	0.16	0.16	0.2	0.12	0.003	0.057	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/16/75	22	0.095	0.095	0.3	0.	0.005	0.07	0.	0.038	0.128	0.171
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/27/80-07/22/97	92	0.04	0.05	0.28	0.01	0.002	0.044	0.01	0.025	0.06	0.087
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/74-08/29/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/25/71-06/22/84	3	7.	6.667	8.	5.	2.333	1.528	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/21/83-06/22/84	2	1.55	1.55	2.	1.1	0.405	0.636	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/21/83-06/22/84	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	02/10/71-08/25/71	3	5.	23.333	61.	4.	1064.333	32.624	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/28/73-05/31/74	4 ##	15.	23.75	50.	15.	306.25	17.5	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/73-05/31/74	4 ##	50.	43.75	50.	25.	156.25	12.5	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/28/73-10/16/74	9 ##	50.	41.667	50.	25.	156.25	12.5	25.	25.	50.	50.
01046 IRON, DISSOLVED (UG/L AS FE)	05/25/73-10/16/74	9	667.	629.222	960.	271.	48271.194	219.707	271.	435.	797.5	960.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	06/28/73-10/16/74	9 ##	25.	44.444	100.	25.	1059.028	32.543	25.	25.	75.	100.
01069 NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01361 SAMPLE LENGTH-MAXIMUM CM	06/01/94-06/01/94	2	35.75	35.75	39.	32.5	21.125	4.596	**	**	**	**
01362 SAMPLE WEIGHT-MAXIMUM G	06/01/94-06/01/94	2	615.	615.	750.	480.	36450.	190.919	**	**	**	**
01370 SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/01/94-06/01/94	2	420.	420.	540.	300.	28800.	169.706	**	**	**	**
01371 SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/01/94-06/01/94	2	32.65	32.65	35.1	30.2	12.005	3.465	**	**	**	**
01372 SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/01/94-06/01/94	2	30.	30.	32.	28.	8.	2.828	**	**	**	**
01373 SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/01/94-06/01/94	2	499.	499.	618.	380.	28322.	168.291	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/10/71-08/03/71	4	230.	240.	330.	170.	4400.	66.332	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	06/10/71-08/03/71	4	2.362	2.368	2.519	2.23	0.014	0.118	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			233.402								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/69-05/23/72	15	20.	32.667	130.	0.	1278.095	35.75	0.	20.	50.	100.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/69-05/23/72	15	1.301	1.198	2.114	0.	0.457	0.676	0.	1.301	1.699	1.987
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.775								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	131	13.	48.462	1200.	0.	14720.756	121.329	2.	5.	44.	140.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	131	1.114	1.137	3.079	-0.301	0.456	0.676	0.301	0.699	1.643	2.146
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.705								
31649 ENTEROCOCCI- ME-MF NO/100ML	07/22/97-07/22/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF NO/1	07/22/97-07/22/97	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF NO/10	GEOMETRIC MEAN =			0.5								
34355 ENDOSULFAN SULFATE WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34360 ENDOSULFAN, BETA WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34365 ENDOSULFAN, ALPHA WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34370 ENDRIN ALDEHYDE WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34664 PCB - 1221 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667 PCB - 1232 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669 PCB - 1248 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670 PCB - 1260 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34674 PCB - 1016 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34689 PCB - 1242 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690 PCB - 1254 WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39074 BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39302 P P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39307 O P DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39312 P P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39322 P,P'-DDE IN TISSUE WET WGT MG/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39325 O,P DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39334 ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39349 CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39387 DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39397 ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39407 TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39414 HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39424 HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39482 METHOXYCHLOR IN FISH - UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39534 MALATHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39703 HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	06/01/94-06/01/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39784 LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
45651 PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46332 RONNEL IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335 ETHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46501 PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	2	943500.	943500.	1100000.	787000.	48984500000.	221324.423	**	**	**	**
46502 ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	2	237000.	237000.	244000.	230000.	98000000.	9899.495	**	**	**	**
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/25/75-10/25/79	23	0.02	0.018	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.03
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/10/71-08/03/71	4	230.	240.	330.	170.	4400.	66.332	**	**	**	**
71205 LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/10/71-08/03/71	4	2.362	2.368	2.519	2.23	0.014	0.118	**	**	**	**
71205 GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			233.402								
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/10/71	3	0.07	0.08	0.1	0.07	0.	0.017	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	06/28/73-10/16/74	9	0.6	0.533	0.8	0.25	0.039	0.198	0.25	0.325	0.7	0.8
71930 MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	2	0.465	0.465	0.53	0.4	0.008	0.092	**	**	**	**
71936 LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937 COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
71938 ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2	7.1	7.1	7.4	6.8	0.18	0.424	**	**	**	**

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### Parameter Inventory for Station: COSW0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/01/94-06/01/94	2	5.	5.	5.	5.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/01/94-06/01/94	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/25/72-06/10/97	120	0.3	0.298	0.3	0.15	0.	0.019	0.3	0.3	0.3	0.3
82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/01/94-06/01/94	2##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: COSW0130

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	50.	127	0	0.00	83	0	0.00				44	0	0.00			
00300	OXYGEN, DISSOLVED	4.	144	0	0.00	94	0	0.00	2	0	0.00	48	0	0.00			
00400	PH	9.	132	0	0.00	86	0	0.00	1	0	0.00	45	0	0.00			
	Other-Hi Lim.	9.	132	77	0.58	86	49	0.57	1	1	1.00	45	27	0.60			
00403	PH, LAB	9.	110	0	0.00	71	0	0.00	2	0	0.00	37	0	0.00			
	Other-Hi Lim.	9.	110	0	0.00	71	0	0.00	2	0	0.00	37	0	0.00			
	Other-Lo Lim.	6.5	110	95	0.86	71	63	0.89	2	2	1.00	37	30	0.81			
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	133	0	0.00	89	0	0.00				44	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	860.	3	0	0.00	1	0	0.00	2	0	0.00						
	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01025	CADMIUM, DISSOLVED	3.9	0 &	0	0.00												
	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01040	COPPER, DISSOLVED	18.	0 &	0	0.00												
	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	9	0	0.00	6	0	0.00				3	0	0.00			
01049	LEAD, DISSOLVED	82.	7 &	0	0.00	4	0	0.00				3	0	0.00			
	Fresh Acute	82.	7 &	0	0.00	4	0	0.00				3	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	4	0	0.00	3	0	0.00				1	0	0.00			
31615	FECAL COLIFORM, MPN	200.	15	0	0.00	7	0	0.00	2	0	0.00	6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	131	10	0.08	83	6	0.07	2	0	0.00	46	4	0.09			
31649	ENTEROCOCCI, ME, MF	33.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	2.4	9	0	0.00	6	0	0.00				3	0	0.00			
	Fresh Acute	2.4	9	0	0.00	6	0	0.00				3	0	0.00			
	Drinking Water	2.	9	0	0.00	6	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/71-06/10/97	94	26.5	25.543	33.	14.	19.509	4.417	19.	23.	29.	30.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/80-06/10/97	58	25.	25.207	37.	11.	34.474	5.871	15.9	22.375	28.5	33.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/31/74-07/22/97	83	4.6	5.849	29.	0.2	20.116	4.485	2.24	3.4	6.7	10.6
00300p	OXYGEN, DISSOLVED MG/L	02/10/71-06/10/97	94	7.3	7.402	10.6	4.2	1.657	1.287	5.8	6.7	8.	9.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	02/10/71-07/22/97	96	3.2	3.66	14.4	1.	4.462	2.112	1.6	2.5	4.2	5.69
00400p	PH (STANDARD UNITS)	03/01/71-06/10/97	86	6.5	6.453	7.8	4.6	0.365	0.604	5.67	6.1	6.8	7.4
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/10/97	86	6.5	5.981	7.8	4.6	0.59	0.768	5.67	6.1	6.8	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/10/97	86	0.316	1.045	25.119	0.016	8.428	2.903	0.04	0.158	0.794	2.15
00403	PH, LAB, STANDARD UNITS SU	02/10/71-08/26/92	71	6.	5.954	7.3	3.2	0.458	0.677	5.02	5.6	6.4	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	02/10/71-08/26/92	71	6.	4.934	7.3	3.2	1.513	1.23	5.02	5.6	6.4	6.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/71-08/26/92	71	1.	11.65	630.957	0.05	5586.928	74.746	0.251	0.398	2.512	9.589
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/10/71-08/12/93	46	4.	4.739	14.	0.	9.219	3.036	1.7	3.	6.	10.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-07/22/97	89	0.02	0.033	0.19	0.	0.001	0.035	0.01	0.01	0.045	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/27/80-07/22/97	62	0.04	0.047	0.28	0.01	0.002	0.041	0.01	0.025	0.06	0.087
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	83	13.	42.777	370.	0.5	5049.581	71.06	2.	5.	44.	146.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	83	1.114	1.154	2.568	-0.301	0.438	0.662	0.301	0.699	1.643	2.164
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.264								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/25/72-06/10/97	78	0.3	0.298	0.3	0.15	0.	0.017	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/71-06/10/97	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/10/71-06/10/97	2	10.95	10.95	12.2	9.7	3.125	1.768	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	02/10/71-07/22/97	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00400p	PH (STANDARD UNITS)	03/01/71-06/10/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/10/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/10/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/10/71-08/26/92	2	5.8	5.8	6.2	5.4	0.32	0.566	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/10/71-08/26/92	2	5.637	5.637	6.2	5.4	0.373	0.611	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/71-08/26/92	2	2.306	2.306	3.981	0.631	5.612	2.369	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/10/71-08/12/93	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-07/22/97	2	0.651	0.651	1.301	0.	0.846	0.92	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.472								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/10/71-06/10/97	48	26.	24.99	29.5	15.5	11.537	3.397	19.9	22.25	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/80-06/10/97	31	25.	24.387	33.	11.	26.278	5.126	17.4	21.	28.	31.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/31/74-07/22/97	44	5.35	6.457	20.	1.1	13.621	3.691	2.8	4.4	7.575	11.5
00300p	OXYGEN, DISSOLVED MG/L	02/10/71-06/10/97	48	7.7	7.842	10.5	5.4	1.248	1.117	6.53	7.225	8.5	9.43
00310p	BOD, 5 DAY, 20 DEG C MG/L	02/10/71-07/22/97	49	3.8	3.867	8.4	1.4	2.676	1.636	2.	2.7	4.85	6.2
00400p	PH (STANDARD UNITS)	03/01/71-06/10/97	45	6.5	6.558	8.5	5.69	0.357	0.598	5.86	6.2	6.775	7.24
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/10/97	45	6.5	6.296	8.5	5.69	0.428	0.654	5.86	6.2	6.775	7.24
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/10/97	45	0.316	0.506	2.042	0.003	0.267	0.517	0.058	0.168	0.631	1.389
00403	PH, LAB, STANDARD UNITS SU	02/10/71-08/26/92	37	6.2	6.265	8.5	5.1	0.418	0.646	5.66	5.8	6.5	7.02
00403	CONVERTED PH, LAB, STANDARD UNITS	02/10/71-08/26/92	37	6.2	5.957	8.5	5.1	0.515	0.718	5.66	5.8	6.5	7.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/71-08/26/92	37	0.631	1.103	7.943	0.003	2.096	1.448	0.096	0.316	1.585	2.229
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	02/10/71-08/12/93	22	4.	5.818	18.	3.	15.299	3.911	3.	3.	8.	12.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

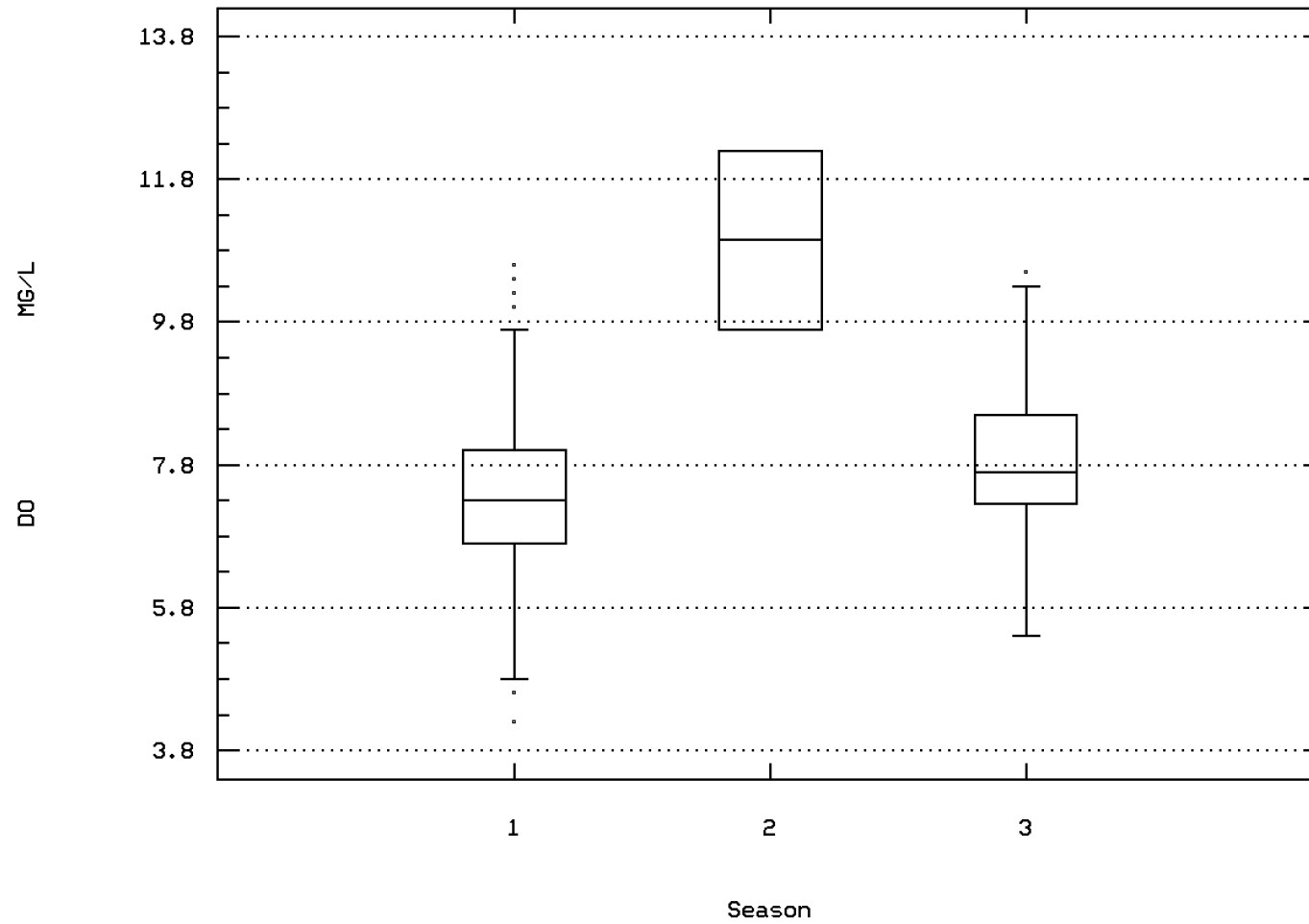
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/23/72-07/22/97	44	0.02	0.028	0.1	0.	0.001	0.025	0.01	0.01	0.03	0.075
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/27/80-07/22/97	30	0.04	0.055	0.22	0.01	0.003	0.05	0.01	0.025	0.07	0.16
31616p FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-07/22/97	46	12.5	60.391	1200.	0.	33049.899	181.796	1.7	5.	50.	167.
31616p LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-07/22/97	46	1.097	1.127	3.079	0.	0.49	0.7	0.211	0.699	1.699	2.211
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			13.387								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/25/72-06/10/97	42	0.3	0.296	0.3	0.15	0.001	0.023	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0130 Parameter Code: 00300

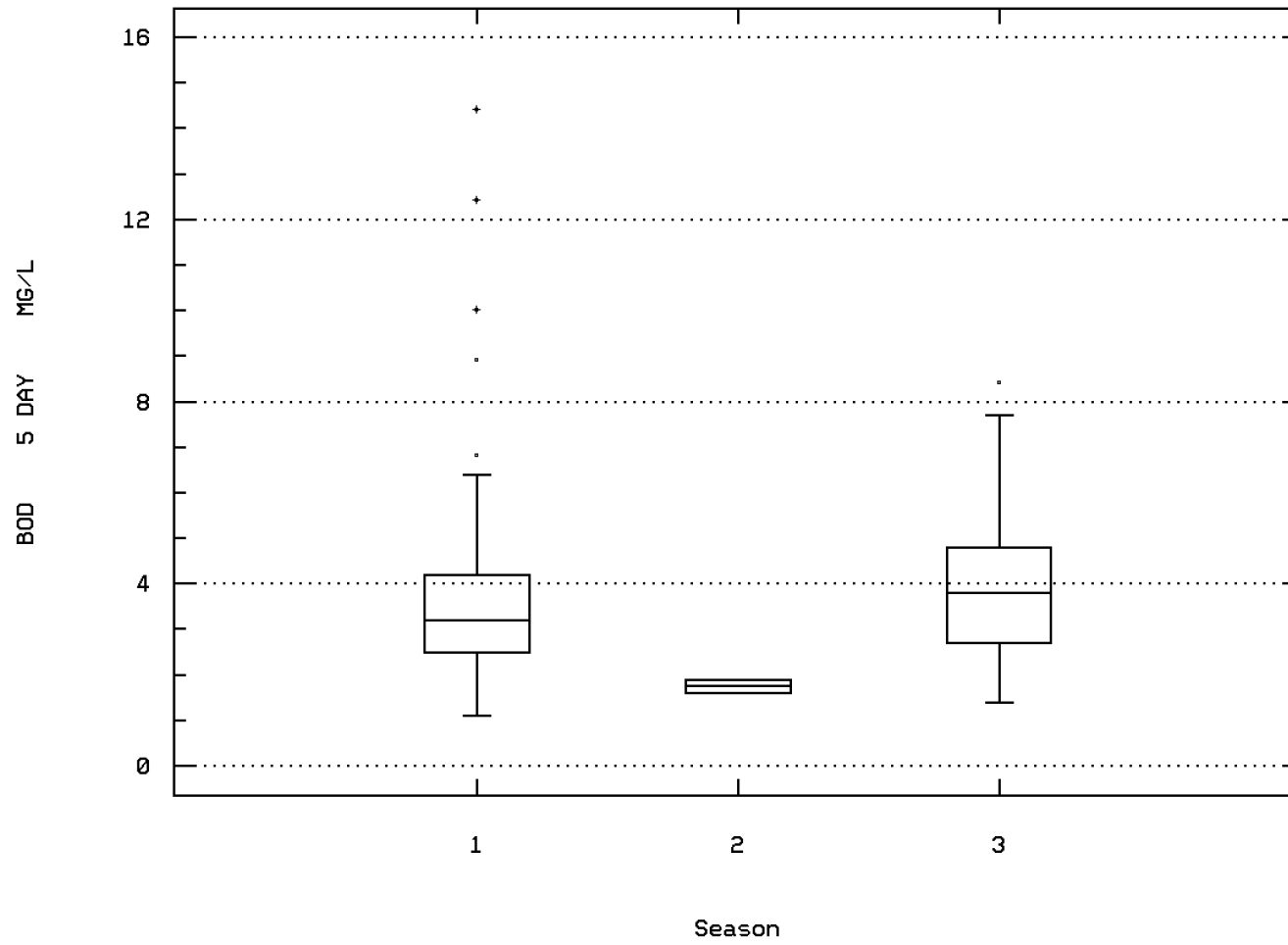
OXYGEN, DISSOLVED



WINDSOR LK SPILLWHY ON WINDSOR LK BLVD

Station: COSW0130 Parameter Code: 00310

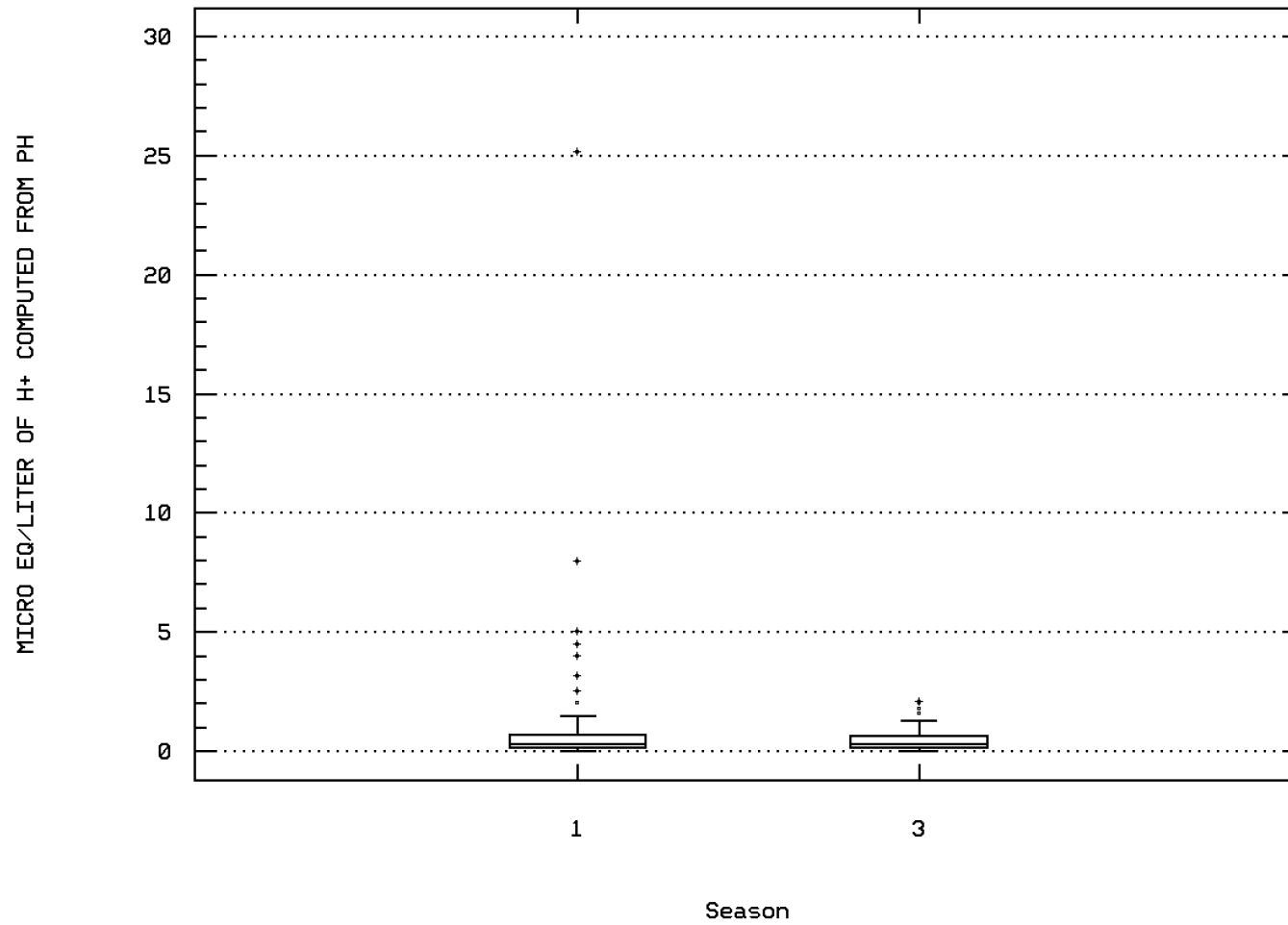
BOD, 5 DAY, 20 DEG C



WINDSOR LK SPILLWHY ON WINDSOR LK BLVD

Station: COSW0130 Parameter Code: 00400

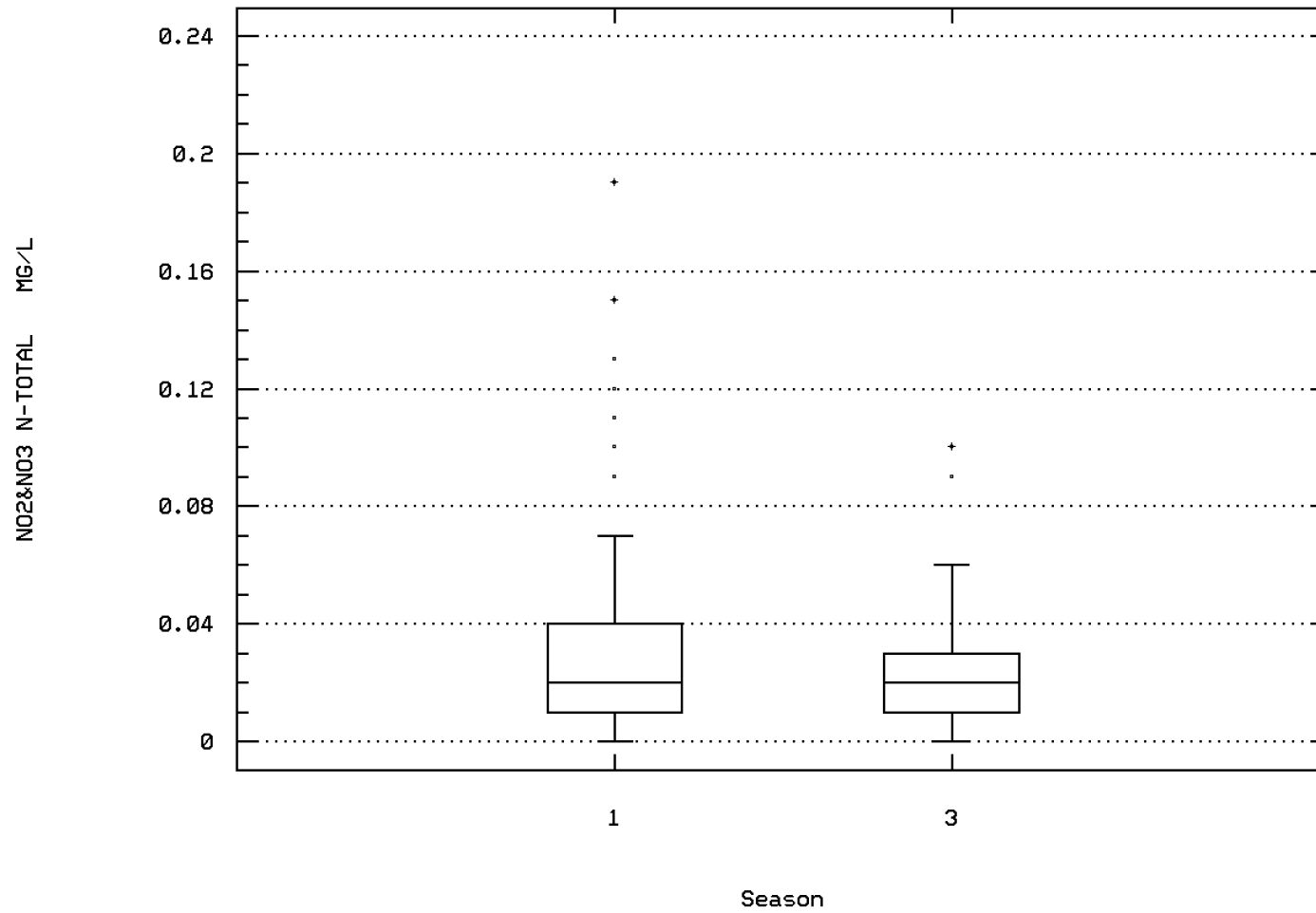
MICRO EQ/LITER OF H+ COMPUTED FROM PH



WINDSOR LK SPILLWHY ON WINDSOR LK BLVD

Station: COSW0130 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L)

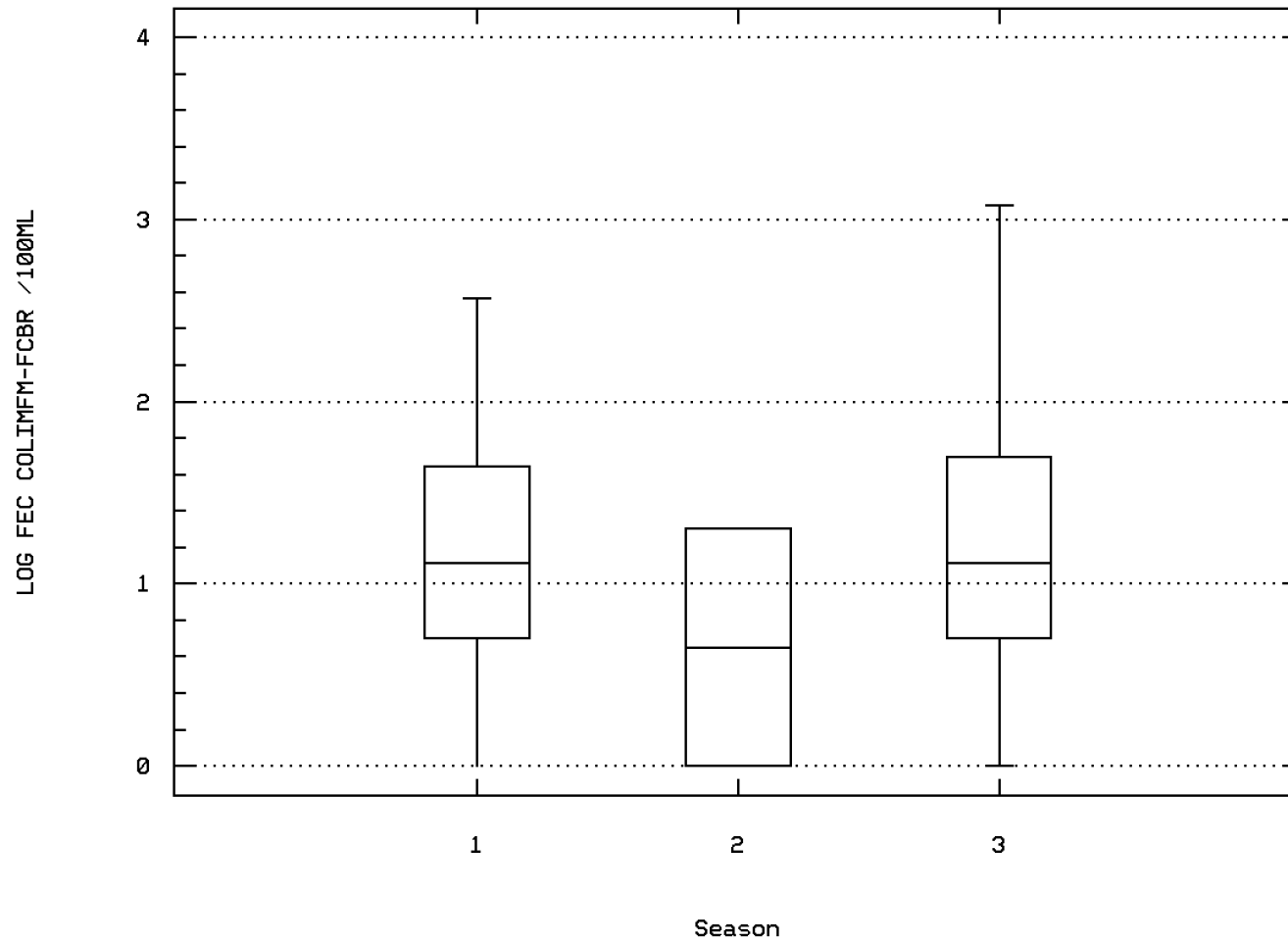


WINDSOR LK SPILLWHY ON WINDSOR LK BLVD



Station: COSW0130 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



WINDSOR LK SPILLWHY ON WINDSOR LK BLVD

Station Inventory for Station: COSW0131

NPS Station ID: COSW0131  
Location: JACKSON CK BHD LOT YORK HOUSE  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110027  
RF3 Index: 03050110002403.93  
Description:

LAT/LON: 34.063892/ -80.944448  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.880  
RF3 Mile Point: 9.41

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-2  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.43

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0132

NPS Station ID: COSW0132  
 Location: LITTLE JACKSON CRK AT LEGRANDE RD COLUMBIA, SC  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.089170/ -80.945837

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695617  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0132

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/16/96-09/16/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/16/96-09/16/96	1	758.	758.	758.	758.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/96-09/16/96	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/16/96-09/16/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/16/96-09/16/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/16/96-09/16/96	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/16/96-09/16/96	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/96-09/16/96	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/16/96-09/16/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/16/96-09/16/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/96-09/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/96-09/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/16/96-09/16/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/16/96-09/16/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/16/96-09/16/96	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/96-09/16/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/16/96-09/16/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/16/96-09/16/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/16/96-09/16/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/16/96-09/16/96	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/16/96-09/16/96	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/16/96-09/16/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	140.	140.	140.	140.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/96-09/16/96	1	2.146	2.146	2.146	2.146	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			140.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	520.	520.	520.	520.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/96-09/16/96	1	2.716	2.716	2.716	2.716	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			520.								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/16/96-09/16/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/16/96-09/16/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653	P,P'-DDE DISSUG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/16/96-09/16/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/16/96-09/16/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	09/16/96-09/16/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260	INVALID PARAMETER	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/96-09/16/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/16/96-09/16/96	1	61.	61.	61.	61.	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/16/96-09/16/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/16/96-09/16/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE,UG/L	09/16/96-09/16/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6- 0.7UM FILT, TOT RECV, WTR UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/16/96-09/16/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0132

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0133

NPS Station ID: COSW0133  
 Location: GILLS CREEK AT STATE ROAD 12 (FOREST DRIVE)  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.016892/ -80.951365

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-001A  
 Within Park Boundary: No

Date Created: 01/07/95

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/94-11/21/94	11	23.	22.909	29.	15.	24.741	4.974	15.4	18.	27.	29.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/20/94-11/21/94	10	26.75	24.85	33.	15.	42.169	6.494	15.15	19.125	30.25	32.8
00300 OXYGEN, DISSOLVED MG/L	06/20/94-11/21/94	11	7.	7.364	9.4	5.4	1.687	1.299	5.44	6.7	8.4	9.32
00400 PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.8	5.905	6.7	5.3	0.242	0.492	5.32	5.5	6.4	6.68
00400 CONVERTED PH (STANDARD UNITS)	06/20/94-11/21/94	11	5.8	5.705	6.7	5.3	0.286	0.535	5.32	5.5	6.4	6.68
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/94-11/21/94	11	1.585	1.974	5.012	0.2	2.676	1.636	0.21	0.398	3.162	4.806
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/94-11/21/94	11	14.	40.182	170.	4.	2925.564	54.088	4.6	8.	67.	158.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/94-11/21/94	11 ##	0.025	0.028	0.06	0.025	0.	0.011	0.025	0.025	0.025	0.053
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/94-11/21/94	11	0.5	0.669	1.38	0.39	0.12	0.346	0.396	0.48	0.78	1.362
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/94-11/21/94	11	0.07	0.105	0.46	0.02	0.017	0.129	0.02	0.02	0.14	0.406
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/20/94-11/21/94	11	0.07	0.098	0.31	0.01	0.009	0.093	0.014	0.04	0.14	0.294
01027 CADMIUM, TOTAL (UG/L AS CD)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/20/94-06/20/94	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/20/94-06/20/94	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/20/94-06/20/94	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/20/94-06/20/94	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/20/94-06/20/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	5	160.	180.	260.	100.	4150.	64.42	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/20/94-11/17/94	5	2.204	2.231	2.415	2.	0.027	0.164	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			170.366								
71900 MERCURY, TOTAL (UG/L AS HG)	06/20/94-06/20/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/20/94-11/21/94	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0133

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	11	9	0.82	8	7	0.88	2	2	1.00	1	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	8	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0133

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	&			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0	0	0.00												
		Drinking Water	5.	0	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	0	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	2	0.40	3	1	0.33	1	0	0.00	1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0134

NPS Station ID: COSW0134  
 Location: JACKSON CRK ABOVE DECKER BLVD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.061948/ -80.951115

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695628  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	25.	25.	25.	25.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	1	751.	751.	751.	751.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	1	13.	13.	13.	13.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	1	46.	46.	46.	46.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/17/96-09/17/96	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/96-09/17/96	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/17/96-09/17/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	1	11.	11.	11.	11.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/17/96-09/17/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/17/96-09/17/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	1	3.	3.	3.	3.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	1	180.	180.	180.	180.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	1	19.	19.	19.	19.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1	0.058	0.058	0.058	0.058	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	1670.	1670.	1670.	1670.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	3.223	3.223	3.223	3.223	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	3.223	3.223	3.223	3.223	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	3.708	3.708	3.708	3.708	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/17/96-09/17/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/96-09/17/96	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	1	76.	76.	76.	76.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
77135	O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLORO BENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLORO BENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82668	EPIC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0134

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0135

NPS Station ID: COSW0135  
 Location: GILLS CRK ABOVE FOREST LAKE COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.035837/ -80.951671

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695639  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	25.	25.	25.	25.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	1	761.	761.	761.	761.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	1	29.	29.	29.	29.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	1	17.	17.	17.	17.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/18/96-09/18/96	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	1	3.	3.	3.	3.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/18/96-09/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	1	1.	1.	1.	1.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	1	22.	22.	22.	22.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**
04040	DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04041 CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	37.	37.	37.	37.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	1.568	1.568	1.568	1.568	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			37.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	250.	250.	250.	250.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	2.398	2.398	2.398	2.398	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			250.								
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/18/96-09/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROETHENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/18/96-09/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/96-09/18/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	1	77.	77.	77.	77.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77128	STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLORO BENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLORO BENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLORO BENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0135

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0136

NPS Station ID: COSW0136  
 Location: LITTLE JACKSON CRK AT TRENHOLM RD EXT COLUMBIA,  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.064170/ -80.952781

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695626  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/17/96-09/17/96	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/17/96-09/17/96	1	751.	751.	751.	751.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/96-09/17/96	1	6.	6.	6.	6.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/96-09/17/96	1	61.	61.	61.	61.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/17/96-09/17/96	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/17/96-09/17/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/96-09/17/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/17/96-09/17/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/17/96-09/17/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/96-09/17/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/17/96-09/17/96	1	15.	15.	15.	15.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/17/96-09/17/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/96-09/17/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/17/96-09/17/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/96-09/17/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/96-09/17/96	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/96-09/17/96	1	1.	1.	1.	1.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/96-09/17/96	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/96-09/17/96	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/17/96-09/17/96	1	5.	5.	5.	5.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/96-09/17/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/96-09/17/96	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/17/96-09/17/96	1	150.	150.	150.	150.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/96-09/17/96	1	26.	26.	26.	26.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1	0.105	0.105	0.105	0.105	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	920.	920.	920.	920.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/17/96-09/17/96	1	2.964	2.964	2.964	2.964	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			920.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	18100.	18100.	18100.	18100.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/17/96-09/17/96	1	4.258	4.258	4.258	4.258	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			18100.								
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL E GC-MS, HEXADECONE EXTR.(UG/L)	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/17/96-09/17/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/17/96-09/17/96	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/17/96-09/17/96	1	12.	12.	12.	12.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/17/96-09/17/96	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/17/96-09/17/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/96-09/17/96	1	41.	41.	41.	41.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/17/96-09/17/96	1	70.	70.	70.	70.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROENZENE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/17/96-09/17/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/17/96-09/17/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/17/96-09/17/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6- 0.7UM FILT,TOT RECV,WTR UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/17/96-09/17/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0136

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0137

NPS Station ID: COSW0137  
Location: BL ROCKYFORD LK SPWAY @ESHORE  
Station Type: /TYPA/AMBNT/LAKE  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110025  
RF3 Index: 03050110043300.00  
Description:

LAT/LON: 34.036670/ -80.953615  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 1.860  
RF3 Mile Point: 0.00

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-4  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.02

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0138

NPS Station ID: COSW0138  
Location: JACKSON CK @ RR DWNSTRM 2NOTCH  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110028  
RF3 Index: 03050110046500.00  
Description:

LAT/LON: 34.067226/ -80.955559  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.760  
RF3 Mile Point: 2.15

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-1  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 21.90  
Distance from RF3: 0.22

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0139

NPS Station ID: COSW0139 Location: REEDER POINT BRANCH AT SC 48 Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: SANTEE-COOPER RF1 Index: 03050110 RF3 Index: 03050104083700.33 Description: SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH & ENVIRONMENTAL CONTROL SUMMER 1994 APPROXIMATELY 6.5 MILES SOUTHEAST OF STATE HOUSE DS OF STARLIGHT SD WWTP LAGOON & MAJOR CATTLE GRAZING AREA	LAT/LON: 33.923059/ -80.957505  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 0.000 RF3 Mile Point: 4.51	Agency: 21SC60WQ FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): C-073 Within Park Boundary: No  Aquifer: Water Body Id: ECO Region: Distance from RF1: 7.00 Distance from RF3: 0.35
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Date Created: 04/23/94

On/Off RF1:  
On/Off RF3:

STATION ESTABLISHED AT DISTRICT REQUEST  
 REEDER POINT BRANCH AT SC 48  
 RICHLAND COUNTY

### Parameter Inventory for Station: COSW0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/94-06/03/97	19	22.	21.016	25.	14.5	11.671	3.416	16.	17.5	24.	24.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/25/94-06/03/97	19	26.	25.342	34.	16.	24.057	4.905	17.	22.5	29.	30.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/25/94-07/15/97	21	10.	12.91	31.	6.	50.362	7.097	6.16	7.85	16.5	27.8
00300 OXYGEN, DISSOLVED MG/L	05/25/94-06/03/97	19	6.8	6.432	10.	1.7	4.035	2.009	2.5	6.2	7.2	8.7
00310 BOD, 5 DAY, 20 DEG C MG/L	05/25/94-07/15/97	21	2.8	3.024	7.6	1.2	2.67	1.634	1.44	2.	3.15	6.62
00400 PH (STANDARD UNITS)	05/25/94-06/03/97	19	6.44	6.413	6.9	5.56	0.101	0.317	6.1	6.2	6.64	6.82
00400 CONVERTED PH (STANDARD UNITS)	05/25/94-06/03/97	19	6.44	6.28	6.9	5.56	0.119	0.345	6.1	6.2	6.64	6.82
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/94-06/03/97	19	0.363	0.525	2.754	0.126	0.334	0.578	0.151	0.229	0.631	0.794
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/01/94-07/01/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/01/94-07/01/94	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/94-07/15/97	21	0.57	0.602	1.15	0.09	0.067	0.258	0.244	0.445	0.78	1.02
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/25/94-07/15/97	21	0.14	0.209	1.15	0.02	0.066	0.256	0.044	0.09	0.205	0.614
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/03/94-06/03/94	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			500.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/25/94-07/15/97	13	500.	2466.154	24000.	130.	42064458.974	6485.712	162.	385.	1150.	15080.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/25/94-07/15/97	13	2.699	2.852	4.38	2.114	0.307	0.554	2.197	2.585	3.06	3.92
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			711.503								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/15/97-07/15/97	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/15/97-07/15/97	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2400.								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/25/94-06/03/97	18	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0139

Parameter	Std. Type	Std. Value	Total			Prop.			-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Exceed Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	21	0	0.00	13	0	0.00							8	0	0.00			
00300	OXYGEN, DISSOLVED	4.	19	2	0.11	11	0	0.00							8	2	0.25			
00400	PH	9.	19	0	0.00	11	0	0.00							8	0	0.00			
		6.5	19	11	0.58	11	7	0.64							8	4	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	21	0	0.00	13	0	0.00							8	0	0.00			
31615	FECAL COLIFORM, MPN	200.	1	1	1.00										1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	13	12	0.92	8	7	0.88							5	5	1.00			
31649	ENTEROCOCCI, ME, MF	33.	1	1	1.00	1	1	1.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: COSW0140

NPS Station ID: COSW0140  
Location: SPRING LK SPWAY @ SPRING LK RD  
Station Type: /TYPA/AMBNT/LAKE  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110026  
RF3 Index: 03050110000100.94  
Description:

LAT/LON: 34.037504/ -80.958338  
  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 1.330  
RF3 Mile Point: 1.44

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-3  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

Date Created: 12/03/76  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0141

NPS Station ID: COSW0141  
Location: FOREST LK @ BRDG OVER GILLS CK  
Station Type: /TYPA/AMBNT/LAKE  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110026  
RF3 Index: 03050110002800.30  
Description:

LAT/LON: 34.027781/ -80.958338  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.720  
RF3 Mile Point: 2.85

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-5  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.01

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0142

NPS Station ID: COSW0142  
 Location: BIG BEAVER CREEK NEAR ST. MATTHEWS, S. C.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050110003106.15  
 Description:

LAT/LON: 33.736671/ -80.958338

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 6.15

Agency: 112WRD  
 FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
 STORET Station ID(s): 02169630  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/72-07/23/73	12	21.	18.333	25.	6.	41.242	6.422	6.9	12.875	23.	25.
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/21/72-07/23/73	13	11.	13.923	26.	9.	23.577	4.856	9.4	11.	18.	22.8
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/72-07/23/73	13	20.	20.846	26.	18.	6.141	2.478	18.	19.	22.	25.6
00300 OXYGEN, DISSOLVED MG/L	07/21/72-07/23/73	12	8.25	8.567	11.3	6.8	2.033	1.426	6.86	7.45	9.625	11.15
00400 PH (STANDARD UNITS)	07/21/72-07/23/73	13	6.3	6.154	7.3	5.3	0.369	0.608	5.34	5.55	6.55	7.1
00400 CONVERTED PH (STANDARD UNITS)	07/21/72-07/23/73	13	6.3	5.83	7.3	5.3	0.483	0.695	5.34	5.55	6.55	7.1
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/72-07/23/73	13	0.501	1.48	5.012	0.05	2.75	1.658	0.093	0.284	2.837	4.6
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/21/72-07/23/73	12	110.	161.5	500.	0.	22716.636	150.72	12.6	66.25	260.	464.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/21/72-07/23/73	12	2.041	1.945	2.699	0.	0.478	0.692	0.487	1.821	2.404	2.663
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			88.039								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0142

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	13	10	0.77	5	4	0.80	5	3	0.60	3	3	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	3	0.25	4	1	0.25	5	2	0.40	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0143

NPS Station ID: COSW0143  
 Location: GILLS CRK BELOW EIGHT MILE BRANCH COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.019448/ -80.963615

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695667  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	1	760.	760.	760.	760.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	1	11.	11.	11.	11.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	1	32.	32.	32.	32.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/18/96-09/18/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	1	8.	8.	8.	8.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/18/96-09/18/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	3.	3.	3.	3.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/18/96-09/18/96	1	3.	3.	3.	3.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	1	260.	260.	260.	260.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	1	4.	4.	4.	4.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	100.	100.	100.	100.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/18/96-09/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/96-09/18/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	1	70.	70.	70.	70.	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPIC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0143

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: COSW0143

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0	&	0	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0144

NPS Station ID: COSW0144      LAT/LON: 34.022226/ -80.963892

Location: FOREST LAKE AT DAM AT FT JACKSON WATER INTAKE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110026

RF3 Index: 03050104064300.00

Description:

SA,PLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIRONMENTAL CONTROL      FIRST REPORTING DATE: STORET 84/01

STATION ESTABLISHED AT THE REQUEST OF WATER SUPPLY TO MONITOR WATER      QUALITY OF FOREST LAKE

TOWN OF FOREST ACRES IS CONSIDERING FOR WATER SUPPLY      SAMPLE COLLECTED FROM DAM NEAR FORT JACKSON'S EXISTING WATER INTAKE

RICHLAND COUNTY

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): C-068

Within Park Boundary: No

Date Created: 01/21/84

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.310

RF3 Mile Point: 0.00

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.05

On/Off RF1: OFF

On/Off RF3:

## Parameter Inventory for Station: COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	161	19.5	19.098	32.	3.	58.3	7.635	8.5	12.75	26.	29.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	161	22.	21.357	38.	2.	69.923	8.362	10.	14.	28.	32.
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/22/92-07/22/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	161	11.	14.922	75.	1.	149.743	12.237	4.72	6.95	20.	27.6
00080 COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	119	60.	59.979	450.	2.5	1737.129	41.679	30.	45.	60.	90.
00300 OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	161	8.7	8.771	12.3	4.	2.08	1.442	7.1	7.75	9.8	10.8
00310 BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	163	2.5	2.534	7.	0.4	1.128	1.062	1.3	1.8	3.2	3.8
00335 COD, .025N K2CR2O7 MG/L	01/27/84-11/24/87	17	11.	11.588	44.	2.5	112.039	10.585	2.5	2.5	16.	26.4
00400 PH (STANDARD UNITS)	01/27/84-06/10/97	161	6.7	6.783	8.75	5.68	0.311	0.558	6.11	6.4	7.1	7.6
00400 CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	161	6.7	6.5	8.75	5.68	0.391	0.626	6.11	6.4	7.1	7.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	161	0.2	0.316	2.089	0.002	0.137	0.37	0.025	0.079	0.398	0.777
00403 PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	104	6.6	6.639	7.9	5.2	0.228	0.477	6.05	6.4	7.	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	104	6.6	6.375	7.9	5.2	0.298	0.546	6.05	6.4	7.	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	104	0.251	0.422	6.31	0.013	0.495	0.704	0.063	0.1	0.398	0.897
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	160	7.	8.644	90.	2.	62.91	7.932	5.	5.	9.	11.9
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/89-11/07/96	4	11.5	16.25	38.	4.	222.917	14.93	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	162 ##	0.025	0.059	0.31	0.025	0.003	0.058	0.025	0.025	0.08	0.13
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	162	0.61	0.66	4.2	0.1	0.163	0.404	0.36	0.46	0.742	0.941
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	01/27/84-07/22/97	163	0.04	0.102	4.8	0.01	0.144	0.38	0.01	0.01	0.13	0.18
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	163	0.04	0.048	0.3	0.01	0.002	0.04	0.01	0.025	0.06	0.08
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/84-05/06/97	55	6.4	6.313	12.8	1.4	4.984	2.232	3.22	5.	8.1	8.94
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	01/27/84-02/26/97	15	8.	8.4	10.	6.	1.686	1.298	6.6	8.	10.	10.
00916 CALCIUM, TOTAL (MG/L AS Ca)	01/27/84-03/07/86	3	2.	2.033	2.2	1.9	0.023	0.153	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	01/27/84-03/07/86	3	0.5	0.567	0.7	0.5	0.013	0.115	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	01/27/84-05/06/97	55 ##	5.	5.091	10.	5.	0.455	0.674	5.	5.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	01/27/84-05/06/97	55 ##	5.	13.182	30.	5.	99.411	9.97	5.	5.	25.	25.
01042 COPPER, TOTAL (UG/L AS CU)	01/27/84-05/06/97	54 ##	10.	13.796	25.	5.	87.675	9.363	5.	5.	25.	25.
01045 IRON, TOTAL (UG/L AS FE)	01/27/84-05/06/97	55	900.	955.091	2600.	400.	138581.01	372.265	530.	690.	1100.	1380.
01051 LEAD, TOTAL (UG/L AS PB)	01/27/84-05/06/97	55 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055 MANGANESE, TOTAL (UG/L AS MN)	01/27/84-05/06/97	55	40.	45.273	120.	20.	367.98	19.183	25.	30.	60.	64.
01067 NICKEL, TOTAL (UG/L AS NI)	01/27/84-05/06/97	55 ##	10.	15.727	25.	10.	54.091	7.355	10.	10.	25.	25.
01069 NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	01/27/84-05/06/97	55	25.	59.545	560.	5.	11242.845	106.032	8.	10.	50.	120.
01105 ALUMINUM, TOTAL (UG/L AS AL)	08/10/88-02/16/90	5	210.	354.	630.	130.	59880.	244.704	**	**	**	**
01361 SAMPLE LENGTH-MAXIMUM CM	06/01/94-06/01/94	2	35.5	35.5	37.5	33.5	8.	2.828	**	**	**	**
01362 SAMPLE WEIGHT-MAXIMUM G	06/01/94-06/01/94	2	660.	660.	800.	520.	39200.	197.99	**	**	**	**
01370 SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/01/94-06/01/94	2	520.	520.	640.	400.	28800.	169.706	**	**	**	**
01371 SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/01/94-06/01/94	2	34.05	34.05	36.5	31.6	12.005	3.465	**	**	**	**
01372 SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/01/94-06/01/94	2	33.	33.	35.	31.	8.	2.828	**	**	**	**
01373 SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/01/94-06/01/94	2	576.	576.	696.	456.	28800.	169.706	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/16/85-08/16/85	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	08/16/85-08/16/85	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			700.								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/10/85-01/20/89	13	350.	738.462	3300.	60.	1126248.103	1061.248	68.	90.	770.	3100.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/10/85-01/20/89	13	2.544	2.511	3.519	1.778	0.33	0.574	1.828	1.954	2.884	3.49
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			324.446								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/27/84-11/16/89	14	505.	1459.786	7300.	10.	4789674.489	2188.532	10.	35.	1875.	6150.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/27/84-11/16/89	14	2.702	2.458	3.863	1.	1.009	1.005	1.527	3.261	3.261	3.781
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			287.03								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/25/90-04/09/93	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/25/90-04/09/93	2	1.322	1.322	1.342	1.301	0.001	0.029	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.976								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	137	27.	64.613	410.	0.5	8443.316	91.888	2.8	10.	73.	200.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	137	1.431	1.397	2.613	-0.301	0.441	0.664	0.442	1.	1.863	2.301
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.94								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/22/97-07/22/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/22/97-07/22/97	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.								
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32104 BROMOFORM,WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32106 CHLOROFORM,WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34200 ACENAPHTHYLENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34205 ACENAPHTHENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34220 ANTHRACENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34230 BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34242 BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34247 BENZO-A-PYRENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34259 DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/95-03/25/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34273 BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34278 BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34283 BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34292 N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34311 CHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34320 CHRYSENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34336 DIETHYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34341 DIMETHYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34351 ENDOSULFAN SULFATE TOTWUG/L	05/05/89-03/25/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34355 ENDOSULFAN SULFATE WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34356 ENDOSULFAN, BETA TOTWUG/L	05/05/89-03/25/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34360 ENDOSULFAN, BETA WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34361 ENDOSULFAN, ALPHA TOTWUG/L	05/05/89-03/25/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34365 ENDOSULFAN, ALPHA WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34366 ENDRIN ALDEHYDE TOTWUG/L	05/05/89-03/25/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34370 ENDRIN ALDEHYDE WET WGT TISM/G/KG	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34376 FLUORANTHENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34381 FLUORENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34418	METHYL CHLORIDE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34423	METHYLENE CHLORIDE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGT TISMG/KG	03/04/93-03/04/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34496	1,1-DICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34536	1,2-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	10 ##	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
34541	1,2-DICHLOROPROPANE TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/08/91-03/25/97	6 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	10 ##	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
34571	1,4-DICHLOROBENZENE TOTWUG/L	05/05/89-03/25/97	10 ##	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	03/08/91-03/08/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
34674	PCB - 1016 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGT TISMG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/08/91-03/08/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/05/89-03/25/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39302	P,P' DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39307	O,P' DDT IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	2.846	2.846	5.69	0.003	16.174	4.022	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39312	P,P' DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/01/94-06/01/94	2	17.42	17.42	34.8	0.04	604.129	24.579	**	**	**
39325	O,P' DDD IN TISSUE WET WGT (UG/G)	06/01/94-06/01/94	2 ##	4.501	4.501	9.	0.003	40.478	6.362	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/22/94-03/22/94	1 ##	35.025	35.025	35.025	35.025	0.	0.	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/05/89-03/25/97	9 ##	0.025	0.075	0.25	0.025	0.01	0.099	0.025	0.025	0.25
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.213	1.25	0.025	0.212	0.46	0.025	0.025	1.25
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39482	METHOXYCHLOR IN FISH - UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.306	0.5	0.25	0.012	0.11	0.25	0.25	0.5
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/05/89-03/25/97	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/27/84-07/01/86	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	05/05/89-03/25/97	9 ##	2.	1.567	2.	0.05	0.739	0.86	0.05	1.025	2.
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	06/01/94-06/01/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
39755	MIREX, TOTAL (UG/L)	05/05/89-03/22/94	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/14/84-12/14/84	1 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/22/94	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.095
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	12/14/84-12/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/27/84-05/06/97	55 ##	0.1	0.102	0.2	0.1	0.	0.013	0.1	0.1	0.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	2 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2	5.2	5.2	5.6	4.8	0.32	0.566	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/01/94-06/01/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/01/94-06/01/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
77089	ANILINE WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
77152	O-CRESOL WHOLE WATER,UG/L	03/04/93-03/04/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
77625	AZOBENZENE WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/08/91-03/25/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/01/94-06/01/94	2	5.	5.	5.	5.	0.	0.	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/04/93-03/22/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	2.826	2.826	5.65	0.003	15.947	3.993	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/01/94-06/01/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/01/94-06/01/94	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	157	0.3	0.299	0.3	0.2	0.	0.008	0.3	0.3	0.3
82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/01/94-06/01/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	161	4	0.02	58	1	0.02	62	3	0.05	41	0	0.00			
00300	OXYGEN, DISSOLVED	4.	161	1	0.01	57	0	0.00	62	1	0.02	42	0	0.00			
00400	PH	9.	161	0	0.00	57	0	0.00	62	0	0.00	42	0	0.00			
		6.5	161	59	0.37	57	18	0.32	62	27	0.44	42	14	0.33			
00403	PH, LAB	9.	104	0	0.00	37	0	0.00	40	0	0.00	27	0	0.00			
		6.5	104	51	0.49	37	10	0.27	40	35	0.88	27	6	0.22			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	163	0	0.00	60	0	0.00	62	0	0.00	41	0	0.00			
01027	CADMIUM, TOTAL	3.9	1 &	1	1.00							1	1	1.00			
		5.	1 &	1	1.00							1	1	1.00			
01034	CHROMIUM, TOTAL	100.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00			
01042	COPPER, TOTAL	18.	33 &	1	0.03	12	0	0.00	12	0	0.00	9	1	0.11			
		1300.	54	0	0.00	18	0	0.00	22	0	0.00	14	0	0.00			
01051	LEAD, TOTAL	82.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00			
		15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00			
		100.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	120.	55	5	0.09	19	3	0.16	22	1	0.05	14	1	0.07			
		5000.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	13	2	0.15	4	0	0.00	8	2	0.25	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	1000.	14	6	0.43	4	2	0.50	8	2	0.25	2	2	1.00			
31615	FECAL COLIFORM, MPN	200.	2	0	0.00							2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	137	14	0.10	47	7	0.15	53	3	0.06	37	4	0.11			
31649	ENTEROCOCCI, ME, MF	33.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	100.	9	0	0.00				6	0	0.00	3	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	35200.	9	0	0.00				6	0	0.00	3	0	0.00			
		5.	9	0	0.00				6	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32104	BROMOFORM, WHOLE WATER	100.	9	0	0.00				6	0	0.00	3	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	100.	9	0	0.00				6	0	0.00	3	0	0.00			
32106	CHLOROFORM, WHOLE WATER	28900.	9	0	0.00				6	0	0.00	3	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	100.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	100.	9	0	0.00				6	0	0.00	3	0	0.00			
	Fresh Acute	17500.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	1000.	9	0	0.00				6	0	0.00	3	0	0.00			
34205	ACENAPHTHENE, TOTAL	1700.	7	0	0.00				7	0	0.00						
	Fresh Acute	1700.	7	0	0.00				7	0	0.00						
34301	CHLOROBENZENE, TOTAL	100.	9	0	0.00				6	0	0.00	3	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	0.22	9	0	0.00				7	0	0.00	2	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	0.22	9	0	0.00				7	0	0.00	2	0	0.00			
34371	ETHYLBENZENE, TOTAL	32000.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	700.	9	0	0.00				6	0	0.00	3	0	0.00			
34376	FLUORANTHENE, TOTAL	3980.	7	0	0.00				7	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	7.	7	0	0.00				7	0	0.00						
	Drinking Water	50.	7	0	0.00				7	0	0.00						
34391	HEXACHLOROBUTADIENE, TOTAL	90.	7	0	0.00				7	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	980.	7	0	0.00				7	0	0.00						
34403	IDENO (1,2,3-CD) PYRENE	0.4	0 &	0	0.00				7	0	0.00						
34408	ISOPHORONE, TOTAL	117000.	7	0	0.00				7	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	5.	9	0	0.00				6	0	0.00	3	0	0.00			
34447	NITROBENZENE, TOTAL	27000.	7	0	0.00				7	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	30.	7	0	0.00				7	0	0.00						
34461	PHENANTHRENE, TOTAL	30.	7	0	0.00				7	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	5280.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	5.	9	0	0.00				6	0	0.00	3	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	7.	9	0	0.00				6	0	0.00	3	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	200.	9	0	0.00				6	0	0.00	3	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	5.	9	0	0.00				6	0	0.00	3	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	118000.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	5.	9	0	0.00				6	0	0.00	3	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	600.	10	0	0.00				7	0	0.00	3	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	5.	9	0	0.00				6	0	0.00	3	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	100.	9	0	0.00				6	0	0.00	3	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	70.	6	0	0.00				6	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	600.	10	0	0.00				7	0	0.00	3	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	75.	10	0	0.00				7	0	0.00	3	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	4380.	7	0	0.00				7	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	2020.	7	0	0.00				7	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	2120.	7	0	0.00				7	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	330.	7	0	0.00				7	0	0.00						
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	10200.	7	0	0.00				7	0	0.00						
34696	NAPHTHALENE, TOTAL	2300.	7	0	0.00				7	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	20.	7	0	0.00				7	0	0.00						
	Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	2000.	7	0	0.00				7	0	0.00						
	Drinking Water	6.	7	0	0.00				7	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	2.	9	0	0.00				6	0	0.00	3	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	45000.	9	0	0.00				6	0	0.00	3	0	0.00			
	Drinking Water	5.	9	0	0.00				6	0	0.00	3	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.1	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	0.6	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	1050.	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	3.	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	2.4	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	2.	9	0	0.00				7	0	0.00	2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	2.5	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			
	Drinking Water	2.	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	11 &	0	0.00	2	0	0.00	7	0	0.00	2	0	0.00		
		Drinking Water	3.	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
		Drinking Water	0.4	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
		Drinking Water	0.2	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00		
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	10	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00		
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	9	0	0.00			7	0	0.00	2	0	0.00			
		Drinking Water	1.	2 &	0	0.00						2	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00			1	0	0.00						
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00			1	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
		Drinking Water	0.2	13	0	0.00	2	0	0.00	9	0	0.00	2	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00		
		Drinking Water	2.	55	0	0.00	19	0	0.00	22	0	0.00	14	0	0.00		
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	7	0	0.00			7	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1983 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	18.	19.25	29.	8.5	60.523	7.78	8.65	13.25	26.875	28.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	22.25	19.	32.	4.	100.364	10.018	4.6	9.5	28.375	31.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	7.5	14.058	38.	3.6	126.768	11.259	4.02	5.125	23.5	34.1
00080 COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	5	60.	55.	60.	45.	50.	7.071	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	9.1	9.283	12.3	7.	3.529	1.879	7.03	7.475	11.	12.27
00310 BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.7	2.667	4.8	0.7	1.581	1.257	0.85	1.55	3.675	4.56
00400 PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.7	6.858	8.3	6.2	0.348	0.59	6.23	6.45	7.	8.09
00400 CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.689	6.632	8.3	6.2	0.404	0.635	6.23	6.45	7.	8.09
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.205	0.233	0.631	0.005	0.037	0.192	0.011	0.1	0.361	0.592
00403 PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.55	6.608	7.1	6.1	0.124	0.353	6.13	6.3	6.975	7.1
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.547	6.489	7.1	6.1	0.14	0.374	6.13	6.3	6.975	7.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.284	0.325	0.794	0.079	0.055	0.235	0.079	0.106	0.501	0.745
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	7.	6.667	9.	5.	2.788	1.67	5.	5.	8.5	9.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12	0.075	0.073	0.12	0.025	0.001	0.03	0.025	0.053	0.098	0.114
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.91	0.931	2.6	0.18	0.375	0.612	0.216	0.555	1.108	2.156
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.05	0.078	0.21	0.01	0.006	0.077	0.01	0.01	0.143	0.21
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.07	0.085	0.16	0.05	0.001	0.033	0.053	0.07	0.11	0.151
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	7	28.	53.286	200.	1.	5025.905	70.894	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	7	1.447	1.228	2.301	0.	0.731	0.855	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.897								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	22.75	19.333	29.	7.	59.924	7.741	7.6	11.25	25.5	28.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	23.5	20.625	35.	6.	103.46	10.172	6.45	8.625	28.	34.1
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	3.45	5.55	20.	1.4	27.288	5.224	1.58	2.35	7.8	16.91
00080 COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	8	60.	52.5	60.	20.	221.429	14.88	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.6	8.767	12.2	6.2	2.888	1.699	6.41	7.575	10.1	11.78
00310 BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.8	2.417	3.7	0.4	1.103	1.05	0.49	1.775	3.225	3.61
00400 PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.4	6.483	7.5	6.	0.163	0.404	6.03	6.25	6.5	7.35
00400 CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.4	6.365	7.5	6.	0.179	0.423	6.03	6.25	6.5	7.35
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.398	0.432	1.	0.032	0.072	0.269	0.052	0.316	0.573	0.938
00403 PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.55	6.575	7.2	6.	0.124	0.352	6.03	6.4	6.775	7.17
00403 CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.547	6.453	7.2	6.	0.14	0.374	6.03	6.4	6.775	7.17
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.284	0.352	1.	0.063	0.078	0.28	0.068	0.169	0.398	0.938
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	8.	7.417	10.	3.	4.083	2.021	3.6	6.25	8.75	10.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12	0.125	0.129	0.31	0.025	0.01	0.099	0.025	0.025	0.223	0.292
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.765	1.052	4.2	0.42	1.034	1.017	0.45	0.625	0.945	3.321
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.055	0.08	0.3	0.01	0.008	0.088	0.01	0.01	0.108	0.264
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12 ##	0.025	0.041	0.08	0.025	0.	0.022	0.025	0.025	0.065	0.077
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	19.	57.4	240.	1.	7617.6	87.279	1.4	5.75	83.	236.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	1.247	1.27	2.38	0.	0.54	0.735	0.07	0.758	1.808	2.372
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.639								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1986 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	17.5	19.167	30.	6.	68.242	8.261	7.65	12.625	28.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	24.75	22.75	35.	10.	59.523	7.715	10.3	16.5	28.	33.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	6.1	7.933	17.	1.	29.006	5.386	1.6	4.1	13.75	16.7
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	7	60.	52.857	60.	40.	90.476	9.512	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	9.5	9.042	11.1	6.5	2.21	1.487	6.56	7.775	10.	10.95
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	1.95	2.4	5.3	1.	1.433	1.197	1.09	1.475	3.175	4.7
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.6	6.742	7.3	6.3	0.109	0.331	6.33	6.5	7.113	7.255
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.6	6.642	7.3	6.3	0.12	0.347	6.33	6.5	7.112	7.255
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.251	0.228	0.501	0.05	0.02	0.142	0.056	0.078	0.316	0.47
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.8	6.733	7.	6.3	0.068	0.261	6.33	6.5	7.	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.8	6.66	7.	6.3	0.074	0.272	6.33	6.5	7.	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.158	0.219	0.501	0.1	0.019	0.136	0.1	0.1	0.316	0.47
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	12.	15.417	39.	6.	106.992	10.344	6.3	9.	20.	36.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.053	0.14	0.025	0.002	0.041	0.025	0.025	0.075	0.134
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.61	0.582	0.9	0.22	0.041	0.203	0.247	0.455	0.693	0.897
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.05	0.077	0.19	0.01	0.005	0.068	0.01	0.013	0.148	0.184
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12 ##	0.025	0.033	0.07	0.025	0.	0.015	0.025	0.025	0.044	0.064
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	8	14.5	25.25	67.	1.	626.214	25.024	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	8	1.159	1.129	1.826	0.	0.374	0.611	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.444								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	11	15.	17.227	29.	9.	56.868	7.541	9.	10.5	25.	28.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	11	20.	19.636	27.	12.	21.905	4.68	12.1	16.	23.	26.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	11	8.	11.218	26.	6.	43.082	6.564	6.14	7.	14.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	9	50.	46.667	60.	25.	243.75	15.612	25.	27.5	60.	60.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	11	9.2	9.336	11.	7.1	1.137	1.066	7.44	8.8	9.8	10.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	11	2.4	2.527	4.2	0.8	1.	1.	0.9	1.9	3.3	4.08
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	11	6.8	6.777	7.4	6.	0.256	0.506	6.04	6.35	7.3	7.38
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	11	6.8	6.532	7.4	6.	0.322	0.567	6.04	6.35	7.3	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	11	0.158	0.294	1.	0.04	0.095	0.308	0.042	0.05	0.447	0.926
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	11	6.1	6.2	7.5	5.2	0.356	0.597	5.3	5.7	6.5	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	11	6.1	5.887	7.5	5.2	0.464	0.681	5.3	5.7	6.5	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	11	0.794	1.297	6.31	0.032	3.199	1.789	0.089	0.316	1.995	5.447
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	11	6.	6.364	10.	4.	4.055	2.014	4.	5.	8.	9.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12	0.05	0.065	0.23	0.025	0.003	0.059	0.025	0.025	0.085	0.194
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.51	0.507	0.87	0.15	0.028	0.166	0.219	0.44	0.55	0.801
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.06	0.094	0.23	0.01	0.007	0.084	0.01	0.02	0.173	0.227
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.05	0.043	0.06	0.025	0.	0.016	0.025	0.025	0.06	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	19.	58.9	380.	5.	13086.544	114.396	5.1	6.75	52.25	347.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	1.278	1.346	2.58	0.699	0.332	0.576	0.707	0.828	1.717	2.499
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.18								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	17.5	18.592	29.	6.5	66.155	8.134	6.95	11.075	25.875	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	23.	20.958	30.	8.	41.021	6.405	9.5	16.375	25.75	29.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	16.	18.342	49.	3.2	220.386	14.845	3.62	5.425	20.75	47.8
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	7 #	30.	34.286	50.	25.	86.905	9.322	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.	8.458	11.2	6.2	2.961	1.721	6.32	6.825	10.175	11.02
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.6	2.696	7.	0.8	2.627	1.621	0.95	1.425	3.363	5.98
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.95	7.046	7.55	6.5	0.142	0.377	6.53	6.725	7.4	7.55
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.947	6.909	7.55	6.5	0.162	0.403	6.53	6.725	7.4	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.113	0.123	0.316	0.028	0.009	0.095	0.028	0.04	0.189	0.297
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.55	6.633	7.4	5.8	0.281	0.53	5.83	6.225	7.175	7.34
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.547	6.361	7.4	5.8	0.362	0.601	5.83	6.225	7.175	7.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.284	0.436	1.585	0.04	0.251	0.501	0.047	0.067	0.599	1.487
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	11	9.	10.455	21.	4.	29.073	5.392	4.2	8.	11.	20.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	11	0.08	0.106	0.28	0.05	0.004	0.065	0.052	0.07	0.13	0.256
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	11	0.62	0.665	1.8	0.33	0.158	0.398	0.34	0.4	0.67	1.576
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.035	0.075	0.23	0.01	0.008	0.09	0.01	0.01	0.175	0.227
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.05	0.087	0.3	0.025	0.008	0.09	0.025	0.025	0.095	0.282
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	12	27.5	101.458	400.	0.5	19112.339	138.247	0.65	10.75	177.5	379.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	12	1.436	1.433	2.602	-0.301	0.839	0.916	-0.211	1.028	2.249	2.577
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.105								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	18.5	18.333	29.	4.	61.697	7.855	5.2	12.25	24.75	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	21.	20.167	32.	4.5	54.652	7.393	6.75	16.125	24.75	31.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	15.	16.95	38.	7.4	65.557	8.097	8.18	11.25	20.75	33.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	6	60.	70.	120.	60.	600.	24.495	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.25	8.5	11.6	6.5	2.975	1.725	6.53	7.125	9.725	11.42
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.15	2.192	3.2	0.8	0.475	0.689	1.07	1.7	2.7	3.14
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	7.4	7.296	8.75	6.2	0.517	0.719	6.29	6.55	7.675	8.495
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	7.389	6.854	8.75	6.2	0.73	0.855	6.29	6.55	7.675	8.495
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.041	0.14	0.631	0.002	0.037	0.193	0.005	0.021	0.287	0.537
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.55	6.6	7.4	5.9	0.131	0.362	6.05	6.425	6.75	7.28
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.547	6.471	7.4	5.9	0.149	0.386	6.05	6.425	6.75	7.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.284	0.338	1.259	0.04	0.096	0.31	0.058	0.182	0.378	1.001
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	10.	8.5	11.	5.	5.182	2.276	5.	6.	10.	10.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12	0.075	0.069	0.13	0.025	0.001	0.032	0.025	0.034	0.087	0.121
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.58	0.613	0.9	0.26	0.037	0.192	0.32	0.485	0.77	0.894
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.06	0.063	0.16	0.01	0.003	0.053	0.01	0.01	0.108	0.154
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.05	0.048	0.07	0.02	0.	0.015	0.023	0.04	0.058	0.07
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	9	40.	97.944	410.	1.5	17425.278	132.005	1.5	2.5	145.	410.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	9	1.602	1.435	2.613	0.176	0.828	0.91	0.176	0.389	2.155	2.613
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.248								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	13	19.5	20.731	31.	11.	47.401	6.885	11.2	15.5	27.	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	13	24.	24.962	38.	11.	51.603	7.183	23.	31.	35.6	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	8.05	12.017	26.	5.6	59.387	7.706	5.72	6.425	18.5	26.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	8	60.	52.5	60.	30.	192.857	13.887	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	13	8.3	8.492	11.5	6.7	1.287	1.135	7.1	7.85	8.8	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	3.15	3.058	4.7	1.9	0.657	0.811	1.96	2.2	3.55	4.43
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	13	7.2	7.227	8.05	6.3	0.327	0.571	6.38	6.725	7.8	7.99
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	13	7.2	6.914	8.05	6.3	0.432	0.658	6.38	6.725	7.8	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	13	0.063	0.122	0.501	0.009	0.022	0.149	0.01	0.016	0.196	0.427
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	7.15	6.933	7.9	5.8	0.473	0.688	5.83	6.275	7.525	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	7.147	6.452	7.9	5.8	0.726	0.852	5.83	6.275	7.525	7.81
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.071	0.353	1.585	0.013	0.285	0.534	0.016	0.031	0.552	1.487
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	11.	18.	90.	5.	527.636	22.97	5.9	10.	16.75	68.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	11	0.07	0.091	0.22	0.025	0.005	0.068	0.025	0.025	0.14	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	11	0.74	0.8	1.22	0.58	0.035	0.187	0.586	0.68	0.86	1.184
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	11	0.05	0.052	0.16	0.01	0.002	0.049	0.01	0.01	0.08	0.148
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	11	0.05	0.074	0.28	0.03	0.005	0.07	0.032	0.04	0.07	0.238
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	11	20.	23.818	68.	2.	361.164	19.004	2.8	10.	35.	62.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	11	1.301	1.224	1.833	0.301	0.184	0.429	0.396	1.	1.544	1.789
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.74								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	22.5	20.583	30.	10.	52.674	7.258	10.75	12.875	27.875	29.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	18.5	19.792	33.	7.5	91.794	9.581	8.25	10.	29.5	32.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	14.	16.975	40.	8.2	79.517	8.917	8.29	11.25	20.5	35.8
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	8	60.	53.125	60.	40.	92.411	9.613	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.25	8.383	10.	7.3	0.645	0.803	7.42	7.8	8.7	9.91
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.3	2.342	3.9	0.8	0.757	0.87	0.95	1.825	2.925	3.75
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.425	6.404	7.05	5.85	0.148	0.385	5.895	6.038	6.638	7.035
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.419	6.267	7.05	5.85	0.169	0.411	5.895	6.038	6.637	7.035
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.381	0.541	1.413	0.089	0.174	0.417	0.092	0.231	0.927	1.289
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	12	6.55	6.617	7.1	6.3	0.082	0.286	6.3	6.4	6.925	7.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	12	6.547	6.542	7.1	6.3	0.088	0.296	6.3	6.4	6.925	7.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	12	0.284	0.287	0.501	0.079	0.024	0.154	0.086	0.125	0.398	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	7.5	6.917	10.	3.	4.629	2.151	3.3	5.25	8.75	9.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.041	0.09	0.025	0.001	0.025	0.025	0.025	0.06	0.087
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.62	0.641	1.22	0.26	0.099	0.314	0.275	0.348	0.8	1.208
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.025	0.448	4.8	0.01	1.882	1.372	0.01	0.01	0.128	3.417
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.04	0.04	0.06	0.01	0.	0.017	0.01	0.033	0.05	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	80.5	85.6	170.	14.	2600.044	50.991	15.7	40.75	135.	168.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	1.905	1.839	2.23	1.146	0.111	0.333	1.181	1.605	2.129	2.225
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.052								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	18.5	18.417	31.	7.	75.038	8.662	7.	9.125	27.625	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	19.5	20.417	34.	2.	94.083	9.7	5.	13.	29.5	33.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	11	19.	25.545	75.	10.	341.873	18.49	10.8	14.	31.	68.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	12	55.	84.792	450.	2.5	14245.975	119.357	4.75	22.5	95.	345.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.8	8.933	10.8	7.4	1.313	1.146	7.52	7.925	10.1	10.68
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	1.8	2.067	4.1	0.7	0.899	0.948	0.79	1.45	2.6	3.83
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.7	6.817	7.8	6.	0.262	0.512	6.12	6.55	7.038	7.77
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.7	6.601	7.8	6.	0.313	0.56	6.12	6.55	7.037	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.2	0.251	1.	0.016	0.068	0.261	0.017	0.095	0.282	0.819
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	9	6.7	6.878	7.6	6.3	0.239	0.489	6.3	6.4	7.35	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	9	6.7	6.676	7.6	6.3	0.285	0.534	6.3	6.4	7.35	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	9	0.2	0.211	0.501	0.025	0.033	0.18	0.025	0.047	0.398	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	6.5	7.	12.	4.	5.091	2.256	4.3	5.25	8.	11.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.595	0.649	1.42	0.23	0.101	0.318	0.251	0.43	0.793	1.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.06	0.076	0.17	0.01	0.004	0.065	0.01	0.013	0.138	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.035	0.043	0.12	0.01	0.001	0.036	0.01	0.02	0.063	0.114
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	67.5	99.3	220.	6.	6493.344	80.581	7.6	35.5	180.	219.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	1.822	1.804	2.342	0.778	0.249	0.499	0.835	1.537	2.253	2.34
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			63.67								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	19.5	18.708	31.5	5.5	87.475	9.353	5.5	9.25	25.875	31.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	24.5	22.667	36.	4.	128.061	11.316	4.9	12.5	33.5	36.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	16.	24.383	70.	6.	425.431	20.626	6.27	9.025	37.75	65.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	10	55.	60.5	120.	40.	580.278	24.089	40.	43.75	65.	116.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	11	8.6	8.673	11.	6.1	2.448	1.565	6.32	7.3	10.1	10.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.9	3.125	5.8	1.2	2.282	1.511	1.23	1.65	3.95	5.68
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.725	6.721	8.15	5.75	0.356	0.596	5.87	6.35	6.9	7.865
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.724	6.429	8.15	5.75	0.449	0.67	5.87	6.35	6.9	7.865
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.189	0.373	1.778	0.007	0.235	0.485	0.024	0.126	0.447	1.457
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	7.	6.75	9.	4.	3.477	1.865	4.3	5.	8.75	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.043
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.565	0.601	0.95	0.36	0.037	0.193	0.363	0.453	0.78	0.92
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.05	0.078	0.18	0.01	0.005	0.072	0.01	0.01	0.163	0.177
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.02	0.027	0.06	0.01	0.	0.018	0.01	0.01	0.038	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	31.5	64.7	270.	1.	8161.789	90.343	1.7	11.75	82.75	262.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	10	1.497	1.415	2.431	0.	0.481	0.693	0.09	1.061	1.824	2.416
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.014								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	11	18.	19.	30.5	3.	59.6	7.72	5.3	15.	26.5	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	11	19.	20.545	35.	7.	84.473	9.191	7.8	12.	30.	34.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	15.	19.658	45.	9.9	116.964	10.815	9.93	12.25	24.75	42.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	12	75.	74.167	100.	50.	476.515	21.829	50.	50.	100.	100.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	11	7.8	8.209	10.	6.8	1.241	1.114	6.88	7.3	9.2	9.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.1	2.267	4.5	1.	0.846	0.92	1.12	1.6	2.75	4.08
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	11	6.65	6.635	7.55	6.	0.24	0.49	6.01	6.3	6.86	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	11	6.65	6.433	7.55	6.	0.285	0.534	6.01	6.3	6.86	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	11	0.224	0.369	1.	0.028	0.108	0.329	0.033	0.138	0.501	0.978
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	7.	7.167	10.	5.	2.879	1.697	5.	5.25	8.75	9.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.51	0.543	0.87	0.1	0.051	0.226	0.187	0.403	0.758	0.861
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.045	0.054	0.13	0.01	0.002	0.043	0.01	0.02	0.08	0.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.045	0.043	0.09	0.01	0.001	0.026	0.01	0.015	0.058	0.087
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	9	19.	147.333	400.	8.	26845.25	163.845	8.	16.	320.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	9	1.279	1.751	2.602	0.903	0.5	0.707	0.903	1.204	2.505	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			56.308								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	20.5	19.792	32.	8.5	63.248	7.953	9.1	11.375	27.75	30.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	18.5	22.	33.	13.	60.182	7.758	13.	14.75	29.75	32.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	10.15	13.367	28.	6.	58.197	7.629	6.24	7.15	19.	27.4
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	11	80.	74.091	100.	40.	334.091	18.278	41.	70.	90.	98.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.8	8.833	10.4	7.3	0.917	0.958	7.39	8.1	9.7	10.22
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	12	2.3	2.325	3.	1.4	0.242	0.492	1.46	2.05	2.775	2.94
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.425	6.423	7.1	5.8	0.224	0.473	5.8	5.925	6.803	7.094
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.424	6.211	7.1	5.8	0.273	0.523	5.8	5.925	6.802	7.094
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.376	0.615	1.585	0.079	0.338	0.581	0.081	0.158	1.194	1.585
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	12	6.	5.833	9.	2.	3.606	1.899	2.6	4.25	7.	8.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	12 ##	0.025	0.045	0.26	0.025	0.005	0.068	0.025	0.025	0.025	0.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	12	0.515	0.548	0.78	0.37	0.017	0.131	0.373	0.463	0.66	0.759
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	12	0.025	0.068	0.24	0.01	0.006	0.079	0.01	0.01	0.133	0.219
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	12	0.05	0.053	0.08	0.03	0.	0.018	0.03	0.04	0.07	0.08
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	12	19.	24.667	76.	2.	464.97	21.563	2.	5.5	38.25	66.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	12	1.276	1.171	1.881	0.301	0.287	0.535	0.301	0.636	1.581	1.807
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.814								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	11	0.3	0.291	0.3	0.2	0.001	0.03	0.22	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	22.25	20.25	30.	8.	60.341	7.768	8.6	11.875	27.25	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	12	24.5	24.458	34.	11.	56.794	7.536	11.9	19.25	32.	33.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	12	8.95	12.083	50.	5.4	149.625	12.232	5.55	6.075	11.75	38.9
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	9	50.	51.111	70.	25.	173.611	13.176	25.	45.	60.	70.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	12	8.65	9.175	12.1	7.	2.593	1.61	7.24	7.85	10.025	12.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	13	3.	2.938	5.	1.5	0.916	0.957	1.62	2.3	3.55	4.56
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.755	6.76	7.7	6.25	0.149	0.386	6.274	6.41	6.945	7.478
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	12	6.755	6.635	7.7	6.25	0.166	0.408	6.274	6.41	6.945	7.478
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	12	0.176	0.232	0.562	0.02	0.028	0.168	0.047	0.114	0.396	0.534
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	11	5.	7.091	21.	2.	25.691	5.069	2.4	5.	8.	18.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	13 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.04

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	13	0.61	0.583	0.74	0.3	0.017	0.131	0.336	0.505	0.68	0.732
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	13 ##	0.01	0.104	0.68	0.01	0.035	0.188	0.01	0.01	0.175	0.484
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	13	0.03	0.026	0.05	0.01	0.	0.014	0.01	0.01	0.03	0.05
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	12	12.5	32.333	110.	1.	1341.333	36.624	2.5	6.5	49.	105.2
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	12	1.079	1.202	2.041	0.	0.356	0.596	0.233	0.809	1.69	2.021
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			15.913								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	6	18.5	16.283	22.5	6.	39.722	6.303	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	6	21.5	19.667	27.	10.	58.667	7.659	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	7	7.8	8.9	14.	5.9	10.673	3.267	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	7	50.	51.429	70.	30.	255.952	15.999	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	6	9.55	8.833	10.8	4.	5.939	2.437	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	7	2.2	2.343	3.6	1.4	0.526	0.725	**	**	**	**
00400 PH (STANDARD UNITS)	01/27/84-06/10/97	6	6.905	6.657	7.61	5.68	0.574	0.757	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	6	6.89	6.175	7.61	5.68	0.853	0.923	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	6	0.129	0.669	2.089	0.025	0.825	0.908	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	7	7.	6.286	9.	3.	4.571	2.138	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	7 ##	0.025	0.059	0.26	0.025	0.008	0.089	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	7	0.4	0.461	0.66	0.36	0.015	0.123	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	7 ##	0.01	0.06	0.17	0.01	0.005	0.071	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	7	0.03	0.026	0.04	0.01	0.	0.013	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	7	19.	35.286	120.	3.	1634.571	40.43	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	7	1.279	1.315	2.079	0.477	0.26	0.51	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			20.649								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	57	25.5	24.86	32.	15.	23.301	4.827	16.	21.25	29.	30.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	57	28.	27.307	38.	7.5	33.194	5.761	20.	23.75	32.	34.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	58	9.	13.1	70.	1.	145.42	12.059	4.02	6.	15.25	23.2
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	45	60.	57.444	120.	10.	479.116	21.889	30.	45.	60.	94.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	57	7.9	7.986	10.	6.1	0.961	0.98	6.6	7.2	8.7	9.26
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	59	3.	3.084	7.	0.4	1.169	1.081	1.8	2.4	3.6	4.5
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	57	6.75	6.848	8.3	5.75	0.265	0.515	6.34	6.5	7.175	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	57	6.75	6.61	8.3	5.75	0.323	0.568	6.34	6.5	7.175	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	57	0.178	0.245	1.778	0.005	0.078	0.28	0.027	0.067	0.316	0.458
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	37	6.8	6.754	7.9	5.2	0.305	0.553	5.88	6.5	7.1	7.26
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	37	6.8	6.324	7.9	5.2	0.496	0.704	5.88	6.5	7.1	7.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	37	0.158	0.475	6.31	0.013	1.169	1.081	0.057	0.079	0.316	1.324
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	56	9.	9.375	39.	5.	24.93	4.993	6.	7.	10.	12.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	59 ##	0.025	0.049	0.31	0.025	0.003	0.055	0.025	0.025	0.06	0.11
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	59	0.68	0.812	4.2	0.15	0.331	0.575	0.43	0.6	0.85	1.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	60 ##	0.01	0.028	0.18	0.01	0.001	0.032	0.01	0.01	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	60	0.045	0.055	0.3	0.01	0.002	0.049	0.021	0.03	0.07	0.099
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/84-05/06/97	19	8.1	7.942	12.8	5.1	3.344	1.829	5.5	6.7	9.	9.7
01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/84-05/06/97	19 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/84-05/06/97	19 ##	5.	11.316	25.	5.	91.228	9.551	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	01/27/84-05/06/97	18 ##	5.	11.944	25.	5.	91.585	9.57	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	01/27/84-05/06/97	19	940.	1057.895	2600.	550.	217906.433	466.804	620.	800.	1200.	1600.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/84-05/06/97	19 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/84-05/06/97	19	50.	53.158	120.	20.	597.807	24.45	25.	40.	60.	90.
01067	NICKEL, TOTAL (UG/L AS NI)	01/27/84-05/06/97	19 ##	10.	14.737	25.	10.	51.316	7.164	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/84-05/06/97	19	25.	62.105	330.	10.	8700.877	93.278	10.	10.	70.	280.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	47	44.	92.511	410.	1.	12223.212	110.559	7.8	16.	170.	240.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	47	1.643	1.638	2.613	0.	0.355	0.596	0.891	1.204	2.23	2.375
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.465								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/27/84-05/06/97	19 ##	0.1	0.105	0.2	0.1	0.001	0.023	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	56	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	62	11.25	11.219	19.5	3.	13.559	3.682	6.15	8.375	14.	15.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	62	13.	14.202	27.	2.	35.307	5.942	6.3	10.	19.	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	62	15.	18.698	75.	1.4	177.035	13.305	6.24	9.925	23.75	38.
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	40	50.	51.938	120.	2.5	416.182	20.401	25.5	41.25	60.	70.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	62	9.8	9.792	12.3	4.	2.078	1.442	8.13	8.875	10.8	11.57
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	62	1.85	1.895	3.8	0.7	0.602	0.776	0.8	1.375	2.2	3.2
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	62	6.6	6.685	8.15	5.8	0.321	0.566	6.	6.288	7.	7.585
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	62	6.6	6.406	8.15	5.8	0.4	0.632	6.	6.288	7.	7.585
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	62	0.251	0.392	1.585	0.007	0.166	0.407	0.026	0.1	0.516	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	40	6.4	6.405	7.6	5.8	0.121	0.348	6.01	6.225	6.5	6.78
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	40	6.4	6.303	7.6	5.8	0.132	0.363	6.01	6.225	6.5	6.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	40	0.398	0.497	1.585	0.025	0.107	0.326	0.168	0.316	0.599	0.979
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	62	5.5	7.29	32.	2.	27.062	5.202	4.	5.	8.	12.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	62	0.06	0.073	0.28	0.025	0.004	0.061	0.025	0.025	0.1	0.164
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	62	0.5	0.522	1.22	0.1	0.043	0.208	0.303	0.378	0.613	0.836
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	62	0.14	0.137	0.3	0.01	0.004	0.061	0.046	0.087	0.173	0.217
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	62	0.04	0.047	0.28	0.01	0.002	0.04	0.01	0.025	0.06	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/84-05/06/97	22	4.85	4.705	8.1	1.4	3.484	1.867	2.19	3.25	6.325	7.34
01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/84-05/06/97	22###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/84-05/06/97	22###	5.	14.091	25.	5.	103.896	10.193	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	01/27/84-05/06/97	22###	10.	15.	25.	5.	90.476	9.512	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	01/27/84-05/06/97	22	805.	829.091	1600.	400.	89599.134	299.331	490.	557.5	1100.	1170.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/84-05/06/97	22###	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/84-05/06/97	22	35.	37.045	60.	25.	142.045	11.918	25.	25.	50.	57.
01067	NICKEL, TOTAL (UG/L AS NI)	01/27/84-05/06/97	22###	10.	16.818	25.	10.	58.442	7.645	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/84-05/06/97	22	25.	53.409	560.	5.	13341.396	115.505	6.5	10.	42.5	90.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	53	18.	40.283	270.	0.5	3656.178	60.466	1.	5.5	40.	138.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/27/84-07/22/97	53	1.255	1.169	2.431	-0.301	0.481	0.694	0.	0.739	1.602	2.137
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =											
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.297	1.25	0.025	0.292	0.54	0.025	0.025	0.638	1.25
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	9##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	01/27/84-05/06/97	22###	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	59	0.3	0.298	0.3	0.2	0.	0.013	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/84-06/10/97	42	23.5	22.91	31.	14.	20.615	4.54	17.	19.	26.125	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/27/84-06/10/97	42	25.	23.845	35.	9.5	42.018	6.482	14.	19.	29.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/27/84-07/22/97	41	8.	11.79	49.	3.	84.799	9.209	4.2	5.75	16.	23.2
00080	COLOR (PLATINUM-COBALT UNITS)	01/27/84-07/22/97	34	60.	72.794	450.	20.	4824.532	69.459	40.	50.	76.25	100.
00300	OXYGEN, DISSOLVED MG/L	05/11/83-06/10/97	42	8.05	8.331	10.8	6.2	1.082	1.04	7.1	7.5	9.1	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/84-07/22/97	42	2.6	2.705	5.3	1.	0.825	0.908	1.53	2.1	3.125	4.
00400	PH (STANDARD UNITS)	01/27/84-06/10/97	42	6.82	6.839	8.75	5.68	0.351	0.592	6.165	6.4	7.113	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/27/84-06/10/97	42	6.82	6.523	8.75	5.68	0.452	0.673	6.165	6.4	7.112	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-06/10/97	42	0.152	0.3	2.089	0.002	0.165	0.406	0.025	0.077	0.398	0.685
00403	PH, LAB, STANDARD UNITS SU	01/27/84-09/09/92	27	6.8	6.83	7.6	5.7	0.157	0.396	6.48	6.6	7.1	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/27/84-09/09/92	27	6.8	6.623	7.6	5.7	0.201	0.448	6.48	6.6	7.1	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/84-09/09/92	27	0.158	0.238	1.995	0.025	0.135	0.367	0.04	0.079	0.251	0.333
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/27/84-07/22/97	42	8.	9.667	90.	4.	165.691	12.872	5.	6.	10.	10.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/27/84-07/22/97	41 ##	0.025	0.052	0.26	0.025	0.003	0.055	0.025	0.025	0.06	0.114
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/27/84-07/22/97	41	0.64	0.65	1.27	0.23	0.048	0.219	0.4	0.515	0.74	0.974
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/27/84-07/22/97	41 ##	0.01	0.158	4.8	0.01	0.563	0.75	0.01	0.01	0.045	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/27/84-07/22/97	41	0.04	0.04	0.08	0.01	0.	0.02	0.02	0.025	0.05	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/27/84-05/06/97	14	6.55	6.629	8.8	4.	2.079	1.442	4.05	5.9	7.575	8.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	01/27/84-05/06/97	14 ##	5.	5.357	10.	5.	1.786	1.336	5.	5.	5.	7.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/27/84-05/06/97	14 ##	7.5	14.286	30.	5.	110.989	10.535	5.	5.	25.	27.5
01042	COPPER, TOTAL (UG/L AS CU)	01/27/84-05/06/97	14 ##	10.	14.286	25.	5.	84.066	9.169	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	01/27/84-05/06/97	14	1020.	1013.571	1600.	500.	83193.956	288.434	550.	835.	1200.	1450.
01051	LEAD, TOTAL (UG/L AS PB)	01/27/84-05/06/97	14 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/27/84-05/06/97	14	55.	47.5	70.	25.	260.577	16.142	25.	28.75	60.	65.
01067	NICKEL, TOTAL (UG/L AS NI)	01/27/84-05/06/97	14 ##	10.	15.357	25.	10.	55.632	7.459	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/27/84-05/06/97	14	35.	65.714	450.	5.	12987.912	113.965	5.	8.75	65.	270.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	37	21.	64.027	380.	2.	9109.36	95.443	4.8	9.5	77.	232.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	01/27/84-07/22/97	37	1.322	1.417	2.58	0.301	0.363	0.602	0.68	0.977	1.886	2.359
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			26.095								
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	01/27/84-03/25/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/27/84-05/06/97	14 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	02/06/84-06/10/97	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0145

NPS Station ID: COSW0145  
 Location: WILDCAT CRK AT SHADY LANE COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.996948/ -80.964170

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695697  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0145

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	1	765.	765.	765.	765.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/19/96-09/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/19/96-09/19/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/19/96-09/19/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0145

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	510.	510.	510.	510.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	2.708	2.708	2.708	2.708	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	510.	510.	510.	510.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	610.	610.	610.	610.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	2.785	2.785	2.785	2.785	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	610.	610.	610.	610.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/19/96-09/19/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/19/96-09/19/96	1	12.	12.	12.	12.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/96-09/19/96	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	1	73.	73.	73.	73.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77170 2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/19/96-09/19/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0145

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00								
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0145

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECAHEDRONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0146

NPS Station ID: COSW0146  
 Location: EIGHT MILE BRANCH BELOW TRENHOLM RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.020003/ -80.964170

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695666  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0146

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	1	758.	758.	758.	758.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/18/96-09/18/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/18/96-09/18/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	1	28.	28.	28.	28.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0146

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	1520.	1520.	1520.	1520.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	3.182	3.182	3.182	3.182	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	1520.	1520.	1520.	1520.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	3.716	3.716	3.716	3.716	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/18/96-09/18/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROETHENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/18/96-09/18/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.323	0.323	0.323	0.323	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/96-09/18/96	1	49.	49.	49.	49.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	1	86.	86.	86.	86.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77135	O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### EPA Water Quality Criteria Analysis for Station: COSW0146

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0147

NPS Station ID: COSW0147  
 Location: PENN BRANCH AT WOODLAKE RD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.009170/ -80.964170

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695684  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	18.	18.	18.	18.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	1	758.	758.	758.	758.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	1	104.	104.	104.	104.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	1	21.	21.	21.	21.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/19/96-09/19/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/19/96-09/19/96	1	11.	11.	11.	11.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	1	8.	8.	8.	8.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	1	78.	78.	78.	78.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	1	16.	16.	16.	16.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1	0.062	0.062	0.062	0.062	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	1190.	1190.	1190.	1190.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	3.076	3.076	3.076	3.076	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	1190.	1190.	1190.	1190.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	3.447	3.447	3.447	3.447	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/19/96-09/19/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/19/96-09/19/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/96-09/19/96	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	1	91.	91.	91.	91.	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/19/96-09/19/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00								
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00								
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: COSW0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00								
		Drinking Water	250.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00								
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00								
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00								
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00								
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32103	1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00								
		Drinking Water	1000.	1	0	0.00	1	0	0.00								
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00								
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00								
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00								
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00								
		Drinking Water	700.	1	0	0.00	1	0	0.00								
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00								
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00								
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00								
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00								
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00								
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00								
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00								
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00								
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00								
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00								
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00								
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00								
		Drinking Water	0.2	1	0	0.00	1	0	0.00								
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00								
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00								
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	Fresh Acute	90.	1	0	0.00	1	0	0.00								
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00								
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00								
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00								
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00											
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0148

NPS Station ID: COSW0148  
Location: TRIB FOREST LAKE UPSTREAM  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110026  
RF3 Index: 03050110044600.00  
Description:

LAT/LON: 34.031948/ -80.965281  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.920  
RF3 Mile Point: 0.00

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-12  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.02

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0149

NPS Station ID: COSW0149  
Location: GILLS CREEK-COLUMBIA  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 34.033337/ -80.966670

Agency: 21SC60WQ  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): C-052  
Within Park Boundary: No

Date Created: / /

RMI-Miles:  
HUC: 03050106  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE COOPER CONGAREE  
RF1 Index: 03050106  
RF3 Index: 03050110048500.00

Depth of Water: 999  
Elevation: 0  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.40

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.02

On/Off RF1:  
On/Off RF3:

Description:  
SAMPLED BY SC PCA. FIRST REPORTING DATE 06/05/69. GILLS CREEK, BELOW DAM AT LAKE KATHERINE AND ABOVE FT. JACKSON SEWAGE  
DISCHARGE-COLUMBIA.

### Parameter Inventory for Station: COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	62	23.5	20.927	29.	6.	50.269	7.09	9.	15.	27.	28.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	07/07/70-01/18/74	23	52.	53.761	110.	25.	562.315	23.713	25.	32.	65.	94.4
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/06/70-02/15/74	11	22.	32.818	182.	7.	2480.564	49.805	8.	12.	22.	150.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-06/08/76	27	24.	26.556	47.	10.	126.564	11.25	12.	18.	37.	41.2
00080 COLOR (PLATINUM-COBALT UNITS)	11/05/70-06/08/76	54	75.	89.259	260.	40.	2205.101	46.959	50.	60.	100.	140.
00300 OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	62	8.5	8.55	11.7	4.	3.756	1.938	5.95	7.075	10.4	10.94
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/70-10/16/72	24	85.5	79.929	100.	34.	358.802	18.942	50.	65.8	96.25	100.
00310 BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	64	4.75	6.5	79.4	1.7	94.306	9.711	2.5	3.425	6.7	8.6
00340 COD, .25N K2CR2O7 MG/L	11/29/74-06/08/76	20	25.5	29.3	131.	1.	776.537	27.866	5.3	13.	32.75	61.3
00400 PH (STANDARD UNITS)	06/29/73-06/08/76	33	7.	6.861	8.7	5.	0.338	0.581	6.3	6.55	7.15	7.32
00400 CONVERTED PH (STANDARD UNITS)	06/29/73-06/08/76	33	7.	6.318	8.7	5.	0.641	0.801	6.3	6.55	7.15	7.32
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/73-06/08/76	33	0.1	0.481	10.	0.002	2.944	1.716	0.049	0.071	0.284	0.501
00403 PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	63	6.5	6.484	7.5	4.8	0.231	0.48	6.	6.2	6.8	7.1
00403 CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	63	6.5	6.07	7.5	4.8	0.405	0.636	6.	6.2	6.8	7.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	63	0.316	0.851	15.849	0.032	6.171	2.484	0.079	0.158	0.631	1.
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	63	10.	11.238	26.	2.	27.184	5.214	4.8	8.	14.	20.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/08/76	12	0.14	0.13	0.28	0.01	0.006	0.08	0.01	0.061	0.185	0.256
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/72-05/22/72	3	0.29	0.253	0.44	0.03	0.043	0.207	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/08/76	13	0.75	1.366	7.07	0.3	3.182	1.784	0.32	0.495	1.35	5.042
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/07/75-11/07/75	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	46	0.11	0.185	0.93	0.	0.043	0.208	0.01	0.03	0.268	0.48
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-03/01/71	2	0.135	0.135	0.17	0.1	0.002	0.049	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/02/75	37	0.1	0.124	0.35	0.	0.008	0.088	0.	0.065	0.18	0.252
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/08/76	8 ##	0.043	0.058	0.15	0.025	0.002	0.045	**	**	**	**
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/07/75-11/07/75	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-06/08/76	13	14.6	31.777	244.	6.3	4112.567	64.129	6.62	9.3	18.55	159.2
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	18	0.7	0.756	1.7	0.6	0.081	0.285	0.6	0.6	0.7	1.34
00940 CHLORIDE,TOTAL IN WATER MG/L	02/10/71-06/07/71	3	6.	6.333	8.	5.	2.333	1.528	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-06/08/76	25 ##	5.	23.2	110.	5.	924.75	30.41	5.	5.	50.	70.
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/07/75-11/07/75	1 ##	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/07/75-11/07/75	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/73-06/08/76	25 ##	25.	116.6	1940.	25.	144764.	380.479	25.	25.	50.	100.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040 COPPER, DISSOLVED (UG/L AS CU)	06/29/73-06/08/76	31 ##	50.	43.548	50.	25.	123.656	11.12	25.	25.	50.	50.
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/07/75-11/07/75	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/08/72-06/08/76	36	570.	658.806	1613.	100.	130750.504	361.594	247.	442.5	760.	1334.8
01049 LEAD, DISSOLVED (UG/L AS PB)	06/29/73-06/08/76	33 ##	25.	46.667	200.	15.	1726.042	41.546	25.	25.	75.	100.
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/07/75-11/07/75	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/07/75-11/07/75	1	718.	718.	718.	718.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-06/08/76	18	95.	148.111	480.	25.	20407.752	142.856	47.5	60.75	150.	453.
01065 NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-06/08/76	17 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/07/75-11/07/75	1 ##	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-06/08/76	13 ##	50.	50.019	100.	0.25	414.588	20.361	20.15	50.	50.	80.
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/07/75-11/07/75	1	38.6	38.6	38.6	38.6	0.	0.	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	06/07/71-08/10/71	6	1400.	27703.333	160000.	230.	4201137786.667	64816.185	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	06/07/71-08/10/71	6	3.136	3.353	5.204	2.362	0.946	0.973	**	**	**	**
31501 GM COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	GEOMETRIC MEAN =			2252.101								
31615 FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	06/05/69-05/22/72	16	435.	2702.5	27000.	20.	47022783.333	6857.316	44.5	130.	1150.	14526.
31615 LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	06/05/69-05/22/72	16	2.635	2.636	4.431	1.301	0.643	0.802	1.609	2.114	3.047	4.103
31615 GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			432.897								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	61	84.	959.73	27000.	5.	14234884.346	3772.915	10.	34.5	225.	1203.6
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	61	1.924	2.009	4.431	0.699	0.616	0.785	1.	1.537	2.352	3.074
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			102.171								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39305 O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39315 O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39321 P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340 GAMMA-BHC(LINDANE), WHOLE WATER, UG/L	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343 GAMMA-BHC(LINDANE), SEDIMENTS, DRY WGT, UG/KG	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39399 ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39531 MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39541 PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39571 DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39580 GUTHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39581 GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39610 PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783 LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39786 TRITHION IN WHOLE WATER SAMPLE (UG/L)	11/07/75-11/07/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39787 TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/07/75-11/07/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
46501 PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	2	186000.	186000.	216000.	156000.	1800000000.	42426.407	**	**	**	**
46502 ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	2	720000.	720000.	888000.	552000.	56448000000.	237587.878	**	**	**	**
70507 PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	12 ##	0.01	0.02	0.08	0.01	0.	0.02	0.01	0.01	0.02	0.065
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/10/71	6	1400.	27703.333	160000.	230.	4201137786.667	64816.185	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



### Parameter Inventory for Station: COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/10/71	6	3.136	3.353	5.204	2.362	0.946	0.973	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/10/71	6	3.136	3.353	5.204	2.362	0.946	0.973	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/07/71	3	0.2	0.6	1.5	0.1	0.61	0.781	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/29/73-06/08/76	33	0.25	0.923	5.3	0.1	1.454	1.206	0.2	0.25	0.9
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/07/75-11/07/75	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/08/76	37	0.3	0.292	0.3	0.15	0.001	0.034	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0149

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15			11/16-3/31			4/01-6/30			n/a			
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	23	13	0.57	15	9	0.60	5	3	0.60	3	1	0.33			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	27	0	0.00	9	0	0.00	9	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62	1	0.02	30	0	0.00	16	1	0.06	16	0	0.00			
00400	PH	Other-Hi Lim.	9.	33	0	0.00	11	0	0.00	12	0	0.00	10	0	0.00			
00403	PH, LAB	Other-Lo Lim.	6.5	33	8	0.24	11	3	0.27	12	1	0.08	10	4	0.40			
		Other-Hi Lim.	9.	63	0	0.00	30	0	0.00	17	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	63	34	0.54	30	13	0.43	17	11	0.65	16	10	0.63			
		Drinking Water	10.	3	0	0.00				1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	46	0	0.00	17	0	0.00	15	0	0.00	14	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00				2	0	0.00	1	0	0.00			
01000	ARSENIC, DISSOLVED	Drinking Water	250.	3	0	0.00				2	0	0.00	1	0	0.00			
		Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2 &	2	1.00				1	1	1.00	1	1	1.00			
		Drinking Water	5.	2 &	2	1.00				1	1	1.00	1	1	1.00			
		Drinking Water	100.	25	3	0.12	8	1	0.13	9	0	0.00	8	2	0.25			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1 &	1	1.00							1	1	1.00			
01049	LEAD, DISSOLVED	Drinking Water	1300.	31	0	0.00	12	0	0.00	10	0	0.00	9	0	0.00			
		Fresh Acute	82.	26 &	1	0.04	9	0	0.00	8	0	0.00	9	1	0.11			
		Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00			
01090	ZINC, DISSOLVED	Drinking Water	100.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00			
		Fresh Acute	120.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	5000.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	4	0.67	5	4	0.80				1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	10	0.63	10	8	0.80	2	0	0.00	4	2	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	61	16	0.26	27	9	0.33	17	3	0.18	17	4	0.24			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Drinking Water	0.2	1	0	0.00	1	0	0.00									
		Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
		Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
		Fresh Acute	0.52	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
		Fresh Acute	2.4	33	4	0.12	12	0	0.00	12	4	0.33	9	0	0.00			
71900	MERCURY, TOTAL	Drinking Water	2.	33	6	0.18	12	1	0.08	12	4	0.33	9	1	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1969 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	6	895.	2290.	9180.	140.	12114080.	3480.529	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	6	2.902	2.943	3.963	2.146	0.459	0.678	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		876.008									

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	9	27.	23.833	28.	12.	45.5	6.745	12.	19.	28.	28.
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	9	6.9	7.556	10.8	5.	3.983	1.996	5.	6.35	9.25	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	9	5.8	8.056	22.	2.	35.805	5.984	2.	4.15	10.05	22.
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	9	6.8	6.8	7.5	6.2	0.192	0.439	6.2	6.35	7.1	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	9	6.8	6.614	7.5	6.2	0.231	0.481	6.2	6.35	7.1	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	9	0.158	0.243	0.631	0.032	0.055	0.234	0.032	0.082	0.474	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	9	14.	14.667	24.	8.	32.	5.657	8.	10.	20.	24.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	8	27.	24.75	28.	7.	51.929	7.206	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	8	5.8	6.425	11.4	4.	5.948	2.439	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	8	4.2	4.325	7.	2.2	2.865	1.693	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	7	6.5	6.443	6.8	6.	0.063	0.251	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	7	6.5	6.377	6.8	6.	0.068	0.261	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	7	0.316	0.42	1.	0.158	0.077	0.277	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	7	16.	15.429	20.	10.	11.619	3.409	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	7	490.	4137.143	27000.	20.	101698790.476	10084.582	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	7	2.69	2.598	4.431	1.301	0.932	0.965	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			396.248								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	9	22.	22.278	28.	15.	22.444	4.738	15.	18.25	26.5	28.
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	9	8.6	8.656	11.	7.2	1.453	1.205	7.2	7.55	9.4	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	8	4.75	4.837	7.6	2.8	2.783	1.668	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	8	6.2	6.2	6.5	6.	0.031	0.177	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	8	6.2	6.171	6.5	6.	0.032	0.18	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	8	0.631	0.675	1.	0.316	0.062	0.25	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	8	10.	9.75	14.	8.	3.929	1.982	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	9	0.06	0.132	0.44	0.02	0.02	0.143	0.02	0.03	0.21	0.44
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	9	66.	99.444	380.	10.	12623.028	112.352	10.	32.5	117.5	380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	9	1.82	1.771	2.58	1.	0.256	0.506	1.	1.37	2.068	2.58
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			59.027								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	9	20.	18.778	28.	7.	55.194	7.429	7.	11.5	25.5	28.
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	9	8.8	8.633	11.4	6.4	2.888	1.699	6.4	6.95	10.05	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	10	4.25	4.25	6.7	2.4	1.285	1.134	2.5	3.4	4.725	6.51
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	10	6.15	6.2	6.7	5.7	0.107	0.327	5.71	5.95	6.45	6.69
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	10	6.147	6.094	6.7	5.7	0.119	0.345	5.71	5.95	6.45	6.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	10	0.713	0.805	1.995	0.2	0.344	0.587	0.205	0.361	1.146	1.954
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	10	10.	9.	16.	4.	13.556	3.682	4.	5.5	10.5	15.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	10	0.045	0.15	0.55	0.	0.038	0.194	0.	0.015	0.283	0.536
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	10	56.5	290.8	2000.	10.	382107.956	618.149	10.2	18.	233.75	1850.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	10	1.749	1.845	3.301	1.	0.517	0.719	1.008	1.246	2.296	3.241
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			70.041								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	9	19.	18.944	29.	8.	61.903	7.868	8.	11.	27.25	29.
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	9	9.3	9.256	10.7	7.1	1.428	1.195	7.1	8.4	10.3	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	11	6.2	12.845	79.4	1.7	492.897	22.201	2.28	4.6	8.5	65.64
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	11	6.7	6.627	7.2	4.8	0.468	0.684	5.08	6.5	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	11	6.7	5.789	7.2	4.8	1.242	1.114	5.08	6.5	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	11	0.2	1.626	15.849	0.063	22.278	4.72	0.063	0.079	0.316	12.805
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	11	14.	13.091	26.	2.	41.891	6.472	2.8	10.	16.	24.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	11	0.1	0.127	0.38	0.	0.014	0.118	0.002	0.03	0.2	0.356
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	11	95.	899.364	9100.	10.	7400303.455	2720.35	12.	33.	120.	7319.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	11	1.978	1.97	3.959	1.	0.575	0.759	1.06	1.519	2.079	3.625
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			93.317								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	12	24.	19.75	27.	6.	61.841	7.864	6.6	11.25	26.	26.7
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	12	9.55	9.292	11.7	6.3	2.81	1.676	6.6	7.975	10.65	11.52
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	12	4.6	4.908	6.9	1.9	2.239	1.496	2.38	3.925	6.45	6.84
00403	PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	12	6.6	6.608	7.1	6.3	0.054	0.231	6.3	6.425	6.775	7.01
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	12	6.6	6.557	7.1	6.3	0.056	0.238	6.3	6.425	6.775	7.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	12	0.251	0.278	0.501	0.079	0.018	0.134	0.103	0.169	0.378	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	12	8.	9.5	20.	2.	27.	5.196	2.6	6.	13.5	18.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/72-06/08/76	10	0.095	0.202	0.66	0.01	0.051	0.226	0.011	0.035	0.413	0.639
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	12	66.	150.708	818.	5.	51579.294	227.111	5.3	8.125	211.25	644.6
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	12	1.811	1.726	2.913	0.699	0.535	0.731	0.723	0.888	2.324	2.753
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			53.241								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-06/08/76	6	20.	18.	24.	9.	37.6	6.132	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/07/70-06/08/76	6	10.3	10.05	11.7	7.8	1.763	1.328	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	07/07/70-06/08/76	6	3.9	4.583	7.5	2.2	4.49	2.119	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/07/70-06/08/76	6	6.65	6.4	7.2	4.9	0.624	0.79	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/07/70-06/08/76	6	6.647	5.638	7.2	4.9	1.32	1.149	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/70-06/08/76	6	0.225	2.301	12.589	0.063	25.426	5.042	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/07/70-06/08/76	6	7.5	7.	9.	4.	3.2	1.789	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	03/16/72-06/08/76	6	0.29	0.398	0.93	0.07	0.099	0.314	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	6	61.	56.5	100.	12.	1091.9	33.044	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/05/69-06/08/76	6	1.785	1.658	2.	1.079	0.122	0.35	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			45.547								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	27	139.	1946.852	27000.	5.	30868721.131	5555.963	9.2	36.	490.	9116.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	27	2.143	2.216	4.431	0.699	0.939	0.969	0.956	1.556	2.69	3.96
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			164.467								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	17	60.	105.059	500.	10.	14475.809	120.315	11.6	47.	115.	292.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	17	1.778	1.822	2.699	1.	0.186	0.432	1.063	1.671	2.057	2.444
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			66.401								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	17	80.	246.618	2000.	6.5	243923.485	493.886	9.3	20.	180.	1054.4
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/05/69-06/08/76	17	1.903	1.868	3.301	0.813	0.469	0.685	0.963	1.301	2.238	2.99
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73.809								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0150

NPS Station ID: COSW0150  
 Location: GILLS CK BLW LAKE KATHERINE SPILLWAY COLUMBIA, S  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 33.997504/ -80.967504

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695689  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/19/96-09/19/96	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/19/96-09/19/96	1	765.	765.	765.	765.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/96-09/19/96	1	16.	16.	16.	16.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/96-09/19/96	1	39.	39.	39.	39.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/96-09/19/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/19/96-09/19/96	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/96-09/19/96	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/19/96-09/19/96	1	10.	10.	10.	10.	0.	0.	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/19/96-09/19/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/96-09/19/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/19/96-09/19/96	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/96-09/19/96	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/19/96-09/19/96	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/96-09/19/96	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/96-09/19/96	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/96-09/19/96	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/96-09/19/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/19/96-09/19/96	1	4.	4.	4.	4.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/96-09/19/96	1	3.	3.	3.	3.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/96-09/19/96	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/19/96-09/19/96	1	35.	35.	35.	35.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/19/96-09/19/96	1	3.	3.	3.	3.	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1	0.039	0.039	0.039	0.039	0.	0.	**	**	**
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/19/96-09/19/96	1	GEOMETRIC MEAN =	110.								
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/19/96-09/19/96	1	GEOMETRIC MEAN =	200.								
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106 CHLOROFORM,WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPL E GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPL E GC-MS, HEXADECONE EXTR.(UG/L)	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACROLEIN TOTWUG/L	09/19/96-09/19/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/19/96-09/19/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY, WATER,DISS,INCR TIT, FIELD,AS CACO3,MG/L	09/19/96-09/19/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/19/96-09/19/96	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/19/96-09/19/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/96-09/19/96	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/19/96-09/19/96	1	82.	82.	82.	82.	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77135	O-XYLENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**
77651	1,2,3-DIBROMOETHANE WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/19/96-09/19/96	1	17.	17.	17.	17.	0.	0.	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/19/96-09/19/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82660	DIETHYLANILINE, 2, 6- 0.7UM FILT,TOT RECV,WTR UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/19/96-09/19/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/19/96-09/19/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0150

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15		11/16-3/31		4/01-6/30		n/a	
						Obs	Exceed	Obs	Exceed	Obs	Exceed	Obs	Exceed
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



# EPA Water Quality Criteria Analysis for Station: COSW0150

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0151

NPS Station ID: COSW0151  
Location: TRIB OF GILLS CK /WOODHILL CON  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110024  
RF3 Index: 03050110007100.00  
Description:

LAT/LON: 33.980559/ -80.970282  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 7.560  
RF3 Mile Point: 0.46

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-15  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 12.70  
Distance from RF3: 0.82

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0151

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0152

NPS Station ID: COSW0152  
Location: GILLS CK AT US 76  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 33.986115/ -80.972226

Agency: 21SC60WQ  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): C-001  
Within Park Boundary: No

Date Created: / /

HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE COOPER CONGAREE  
RF1 Index: 03050110024  
RF3 Index: 03050110002403.93

Depth of Water: 0  
Elevation: 0  
RF1 Mile Point: 7.700  
RF3 Mile Point: 4.19

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.03

On/Off RF1: OFF  
On/Off RF3:

Description:  
SAMPLED BY SOUTH CAROLINA POLLUTION CONTROL AUTHORITY.  
GILLS CREEK AT U.S. NO. 76 (SUMTER HIGHWAY).

FIRST SAMPLE TAKEN 09/25/68.

### Parameter Inventory for Station: COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	339	20.	18.991	31.	1.	53.729	7.33	8.5	13.	25.5	28.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	219	21.	20.263	39.	-3.	74.54	8.634	8.	14.	27.	31.
00060 FLOW, STREAM, MEAN DAILY CFS	08/22/72-08/22/72	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	238	45.5	68.067	687.	3.	5595.987	74.806	14.	22.75	95.	137.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-01/18/74	34	41.	56.279	260.	25.	2883.957	53.702	27.	30.	52.	113.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	05/28/70-02/15/74	12	19.5	37.417	260.	7.	4940.811	70.291	7.3	15.	22.	188.6
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	275	19.	21.205	70.	0.5	142.939	11.956	8.	13.	27.	38.4
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	67	70.	89.328	280.	5.	2203.709	46.944	48.	55.	120.	140.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-11/09/72	4	135.	131.25	190.	65.	3039.583	55.132	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	339	8.2	8.34	14.	0.	4.812	2.194	6.2	7.	9.8	11.2
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/04/68-10/16/72	34	77.5	68.376	100.	0.	651.313	25.521	27.5	51.5	86.	97.
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	331	3.6	4.702	76.1	0.9	36.349	6.029	1.8	2.4	4.9	6.6
00335 COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	43	17.	19.302	47.	2.5	118.668	10.893	3.9	12.	24.	35.2
00340 COD, .25N K2CR2O7 MG/L	11/29/74-05/17/77	24	30.	38.208	146.	0.	1624.172	40.301	0.	13.75	40.	124.
00400p PH (STANDARD UNITS)	03/01/71-06/11/97	299	6.6	6.63	8.54	5.45	0.198	0.445	6.15	6.35	6.9	7.17
00400p CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	299	6.6	6.408	8.54	5.45	0.248	0.498	6.15	6.35	6.9	7.17
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	299	0.251	0.39	3.548	0.003	0.275	0.524	0.068	0.126	0.447	0.708
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	07/08/88-07/08/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	271	6.5	6.489	8.2	4.	0.166	0.407	6.	6.3	6.7	6.9
00403 CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	271	6.5	6.072	8.2	4.	0.34	0.583	6.	6.3	6.7	6.9
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	271	0.316	0.848	100.	0.006	36.868	6.072	0.126	0.2	0.501	1.
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	326	10.	11.572	97.	0.	71.251	8.441	5.	8.	13.	19.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	72	16.	19.153	120.	6.	226.666	15.055	8.3	10.	25.	30.7
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	263	0.09	0.143	4.	0.01	0.092	0.304	0.025	0.025	0.15	0.24
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/04/72-05/22/72	4	0.415	0.495	0.86	0.29	0.067	0.26	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	255	0.74	0.925	15.6	0.2	1.2	1.096	0.456	0.6	1.02	1.348
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	305	0.14	0.187	0.9	0.	0.024	0.155	0.05	0.08	0.24	0.374
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/71-09/21/71	4	0.31	0.35	0.64	0.14	0.045	0.213	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	02/10/71-05/02/75	47	0.5	1.024	9.3	0.08	2.631	1.622	0.114	0.15	1.23	2.238
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	259	0.07	0.109	4.6	0.01	0.09	0.301	0.03	0.05	0.1	0.18
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-05/06/97	86	7.4	8.585	45.9	2.2	33.756	5.81	4.5	5.575	9.2	14.3
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/24/71-02/26/97	21	12.	14.	27.	9.	25.4	5.04	10.	10.5	16.5	22.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	11/23/83-03/07/86	3	3.1	3.167	3.4	3.	0.043	0.208	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	18	0.7	0.747	1.8	0.05	0.098	0.314	0.545	0.7	0.8	0.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-03/07/86	3	0.7	0.7	0.8	0.6	0.01	0.1	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/71-09/21/71	7	10.	13.571	42.	5.	162.286	12.739	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/10/89-08/10/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-08/30/77	30 ##	5.	18.333	100.	5.	557.471	23.611	5.	5.	23.75	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/06/97	80 ##	5.	5.125	10.	5.	0.617	0.786	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/16/72-08/30/77	31 ##	25.	97.903	750.	25.	39124.624	197.799	25.	25.	50.	492.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/06/97	80 ##	25.	17.75	100.	5.	206.266	14.362	5.	5.	25.	25.
01040	COPPER, DISSOLVED (UG/L AS CU)	03/16/72-08/30/77	36 ##	50.	52.222	280.	25.	1720.635	41.481	25.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/06/97	80 ##	25.	20.875	50.	5.	244.794	15.646	5.	5.	25.	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/05/94-12/05/94	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/06/97	80	945.	1101.625	5000.	250.	382292.263	618.298	700.	800.	1200.	1500.
01046	IRON, DISSOLVED (UG/L AS FE)	11/08/72-08/30/77	41	640.	710.268	1794.	84.	115777.051	340.26	264.	546.5	870.	1225.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/73-08/30/77	37 ##	25.	44.324	200.	15.	1580.781	39.759	25.	25.	37.5	100.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/06/97	80 ##	25.	29.938	120.	25.	264.237	16.255	25.	25.	25.	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/05/94-12/05/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/06/97	80	50.	63.875	500.	25.	3558.845	59.656	25.	40.	70.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/30/77	23	110.	212.348	1660.	25.	132977.692	364.661	25.	50.	130.	714.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/30/77	22 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/06/97	80 ##	25.	24.563	100.	10.	341.895	18.49	10.	10.	25.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-08/30/77	18 ##	50.	50.014	100.	0.25	292.651	17.107	45.025	50.	50.	55.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/06/97	80	40.	66.625	660.	5.	8145.427	90.252	10.	21.25	90.	149.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/05/94-12/05/94	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/03/89-08/10/89	3	350.	403.333	530.	330.	12133.333	110.151	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/11/71	5	24000.	86360.	240000.	2400.11630168000.	107843.257	**	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/11/71	5	4.38	4.415	5.38	3.38	0.773	0.879	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/11/71	5	4.38	4.415	5.38	3.38	0.773	0.879	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/10/71-04/03/92	12	745.	18681.875	160000.	2.52110792864.915	45943.366	3.25	170.	18425.	122500.	5.006
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/10/71-04/03/92	12	2.871	2.859	5.204	0.398	2.043	1.429	0.488	2.23	4.093	5.006
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/10/71-04/03/92	12	2.871	2.859	5.204	0.398	2.043	1.429	0.488	2.23	4.093	5.006
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	264	250.	1584.055	160000.	0.	115373888.243	10741.224	55.	130.	497.5	1250.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	264	2.398	2.37	5.204	0.	0.563	0.751	1.739	2.114	2.697	3.097
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	264	2.398	2.37	5.204	0.	0.563	0.751	1.739	2.114	2.697	3.097
31649	ENTEROCOCCI- ME-MF N0/100ML	07/22/97-08/19/97	2	104.5	104.5	110.	99.	60.5	7.778	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	07/22/97-08/19/97	2	2.019	2.019	2.041	1.996	0.001	0.032	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	07/22/97-08/19/97	2	2.019	2.019	2.041	1.996	0.001	0.032	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1	3.69	3.69	3.69	3.69	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1	3.	3.	3.	3.	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/05/94-12/05/94	1	21.3	21.3	21.3	21.3	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
46501	PHYTOPLANKTON, TOTAL COUNT /ML	02/10/71-03/01/71	2	540000.	540000.	902000.	178000.262088000000.	511945.31	**	**	**	**
46502	ZOOPLANKTON, TOTAL COUNT /LITER	02/10/71-03/01/71	2	561500.	561500.	860000.	263000.178204500000.	422142.748	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/18/73-07/18/73	1	0.3	0.3	0.3	0.3	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	12	0.02	0.028	0.09	0.01	0.001	0.01	0.01	0.035	0.084
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/11/71	5	24000.	86360.	240000.	2400.11630168000.	107843.257	**	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/11/71	5	4.38	4.415	5.38	3.38	0.773	**	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN = 26027.323										
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/10/71-06/07/71	3	1.1	2.167	4.6	0.8	4.463	2.113	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/06/97	118 ##	0.1	0.294	2.5	0.04	0.222	0.471	0.1	0.1	0.8
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/05/94-12/05/94	1 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	5.	5.	5.	5.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	257	0.3	0.337	10.4	0.15	0.397	0.63	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	12/05/94-12/05/94	1 ##	2.	2.	2.	2.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0152

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	34	9	0.26	17	4	0.24	9	3	0.33	8	2	0.25			
00076	TURBIDITY, HACH TURBIDIMETER	50.	275	8	0.03	100	2	0.02	105	6	0.06	70	0	0.00			
00300	OXYGEN, DISSOLVED	4.	339	13	0.04	136	13	0.10	117	0	0.00	86	0	0.00			
00400	PH	9.	299	0	0.00	115	0	0.00	110	0	0.00	74	0	0.00			
00403	PH, LAB	Other-Lo Lim.	6.5	299	129	0.43	115	57	0.50	110	41	0.37	74	31	0.42		
		Other-Hi Lim.	9.	271	0	0.00	104	0	0.00	96	0	0.00	71	0	0.00		
		Other-Lo Lim.	6.5	271	139	0.51	104	49	0.47	96	55	0.57	71	35	0.49		
00620	NITRATE NITROGEN, TOTAL AS N	10.	4	0	0.00				2	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	305	0	0.00	113	0	0.00	115	0	0.00	77	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	Drinking Water	250.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00		
		Fresh Acute	360.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
		Fresh Acute	3.9	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		
01025	CADMIUM, DISSOLVED	Drinking Water	5.	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		
		Fresh Acute	3.9	2 &	2	1.00	1	1	1.00	1	1	1.00					
		Drinking Water	5.	2 &	2	1.00	1	1	1.00	1	1	1.00					
01027	CADMIUM, TOTAL	Drinking Water	100.	31	4	0.13	11	0	0.00	11	1	0.09	9	3	0.33		
		Drinking Water	100.	80	1	0.01	27	0	0.00	32	1	0.03	21	0	0.00		
		Fresh Acute	18.	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	1300.	36	0	0.00	15	0	0.00	12	0	0.00	9	0	0.00		
		Fresh Acute	18.	35 &	1	0.03	13	0	0.00	12	0	0.00	10	1	0.10		
		Drinking Water	1300.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	82.	30 &	1	0.03	12	0	0.00	9	0	0.00	9	1	0.11		
		Drinking Water	15.	1 &	1	1.00						1	1	1.00			
		Fresh Acute	82.	30 &	1	0.03	12	0	0.00	9	0	0.00	9	1	0.11		
01049	LEAD, DISSOLVED	Drinking Water	15.	1 &	1	1.00						1	1	1.00			
		Fresh Acute	82.	30 &	1	0.03	12	0	0.00	9	0	0.00	9	1	0.11		
		Drinking Water	15.	1 &	1	1.00						1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

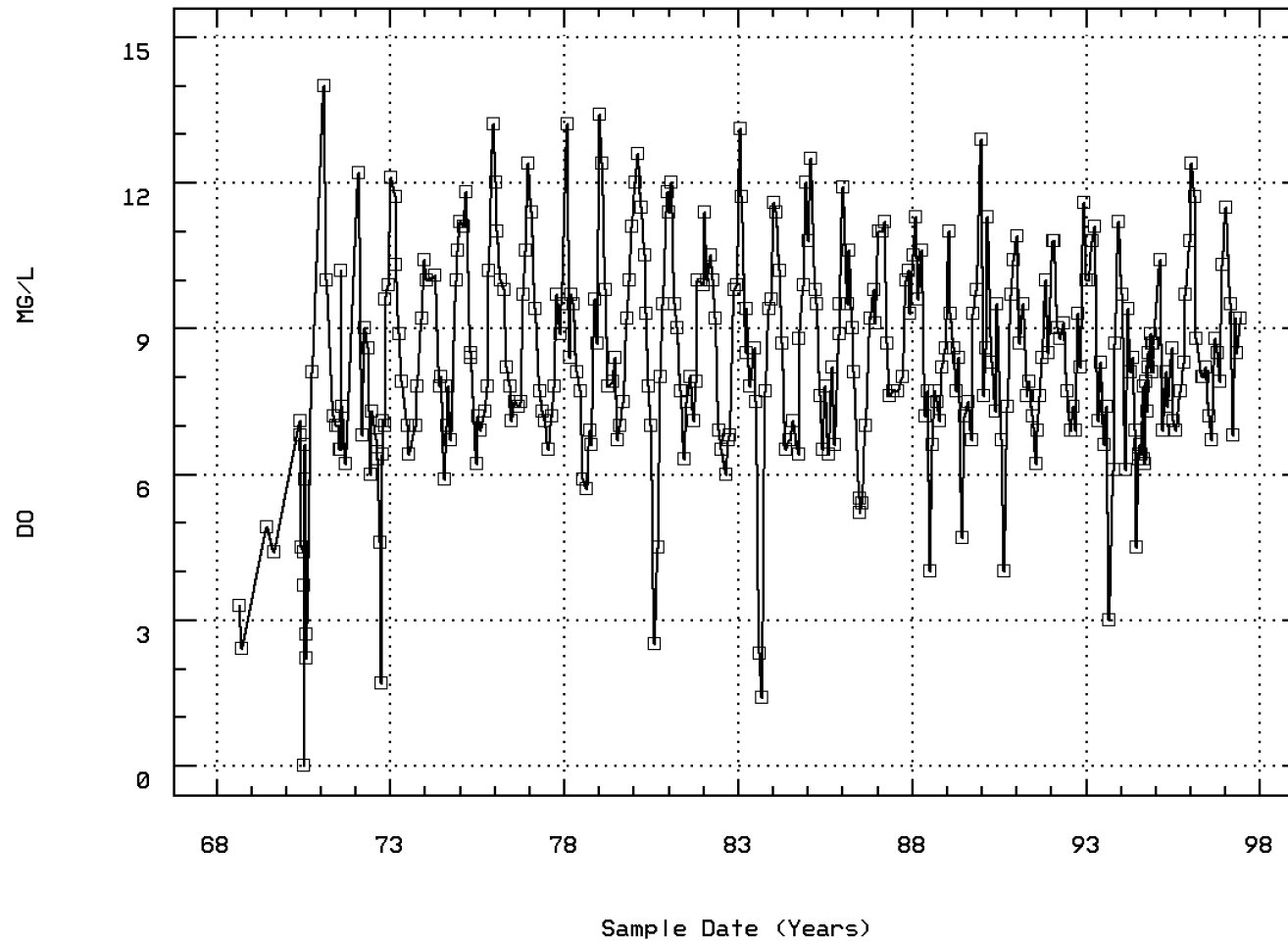
### EPA Water Quality Criteria Analysis for Station: COSW0152

Parameter	Std. Type	Std. Value	Total			7/01-11/15			11/16-3/31			4/01-6/30			n/a		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051 LEAD, TOTAL	Fresh Acute	82.	80	2	0.03	27	0	0.00	32	2	0.06	21	0	0.00			
	Drinking Water	15.	9 &	9	1.00	3	3	1.00	3	3	1.00	3	3	1.00			
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	22	0	0.00	8	0	0.00	8	0	0.00	6	0	0.00			
	Drinking Water	100.	22	0	0.00	8	0	0.00	8	0	0.00	6	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00			
	Drinking Water	100.	80	2	0.03	27	0	0.00	32	0	0.00	21	2	0.10			
01090 ZINC, DISSOLVED	Fresh Acute	120.	18	0	0.00	8	0	0.00	6	0	0.00	4	0	0.00			
	Drinking Water	5000.	18	0	0.00	8	0	0.00	6	0	0.00	4	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	80	11	0.14	27	4	0.15	32	6	0.19	21	1	0.05			
	Drinking Water	5000.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	5	1.00	4	4	1.00				1	1	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	8	0.67	5	5	1.00	3	1	0.33	4	2	0.50			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	264	167	0.63	102	74	0.73	94	47	0.50	68	46	0.68			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	2	2	1.00	2	2	1.00									
50060 CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	118	3	0.03	42	1	0.02	46	1	0.02	30	1	0.03			
	Drinking Water	2.	118	4	0.03	42	1	0.02	46	2	0.04	30	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: COSW0152 Parameter Code: 00300

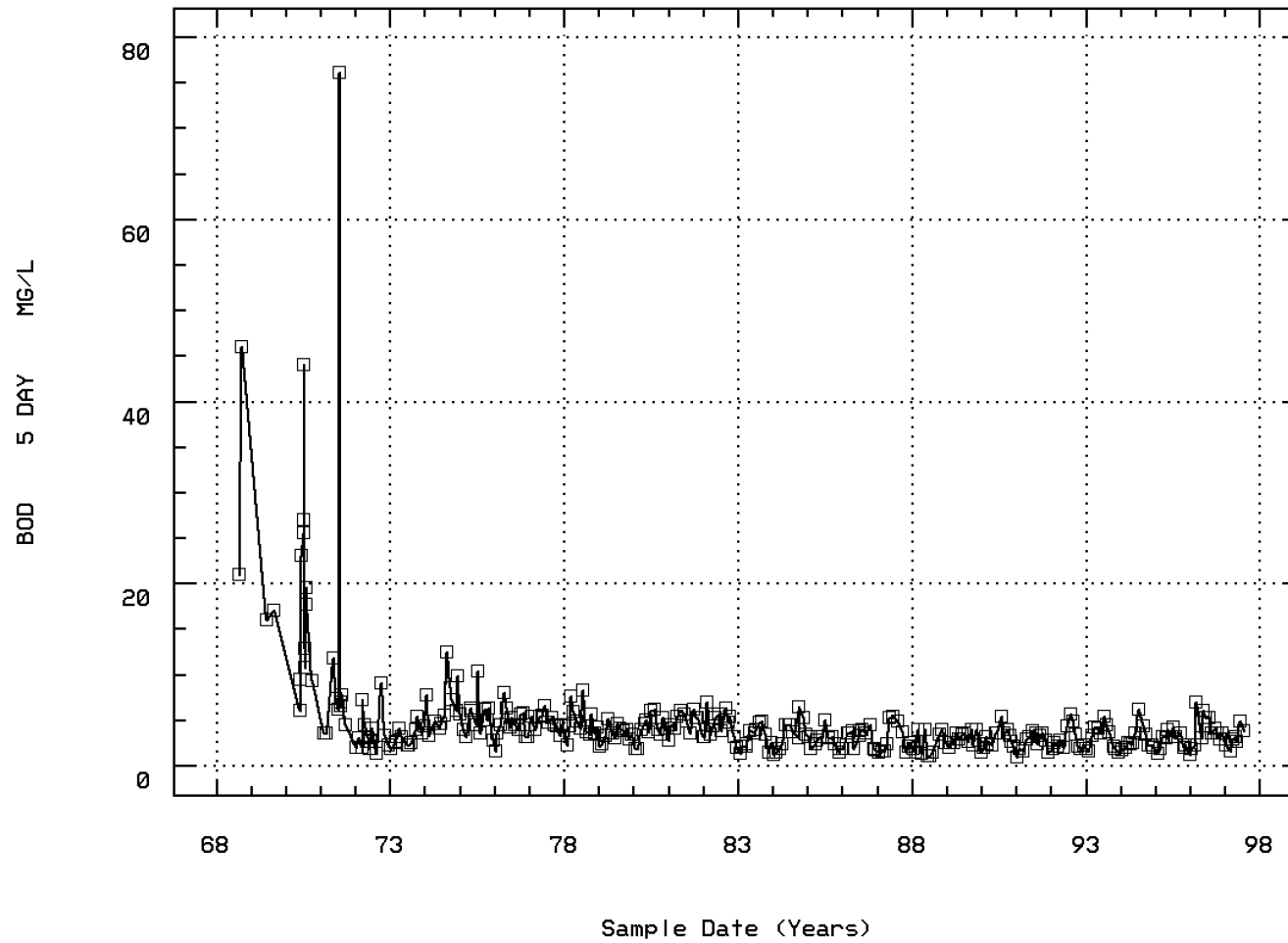
OXYGEN, DISSOLVED



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C

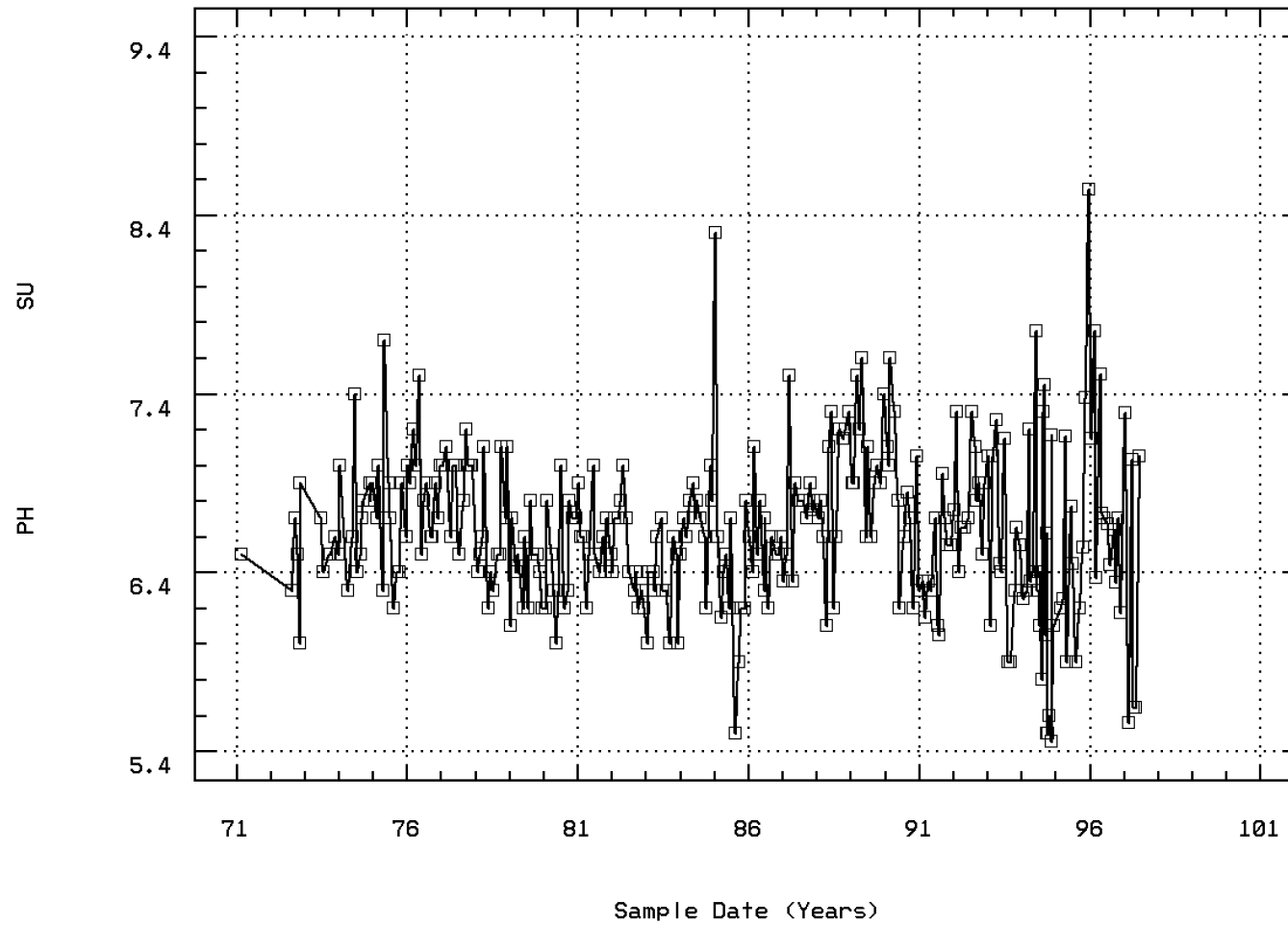


GILLS CK AT US 76



Station: COSW0152 Parameter Code: 00400

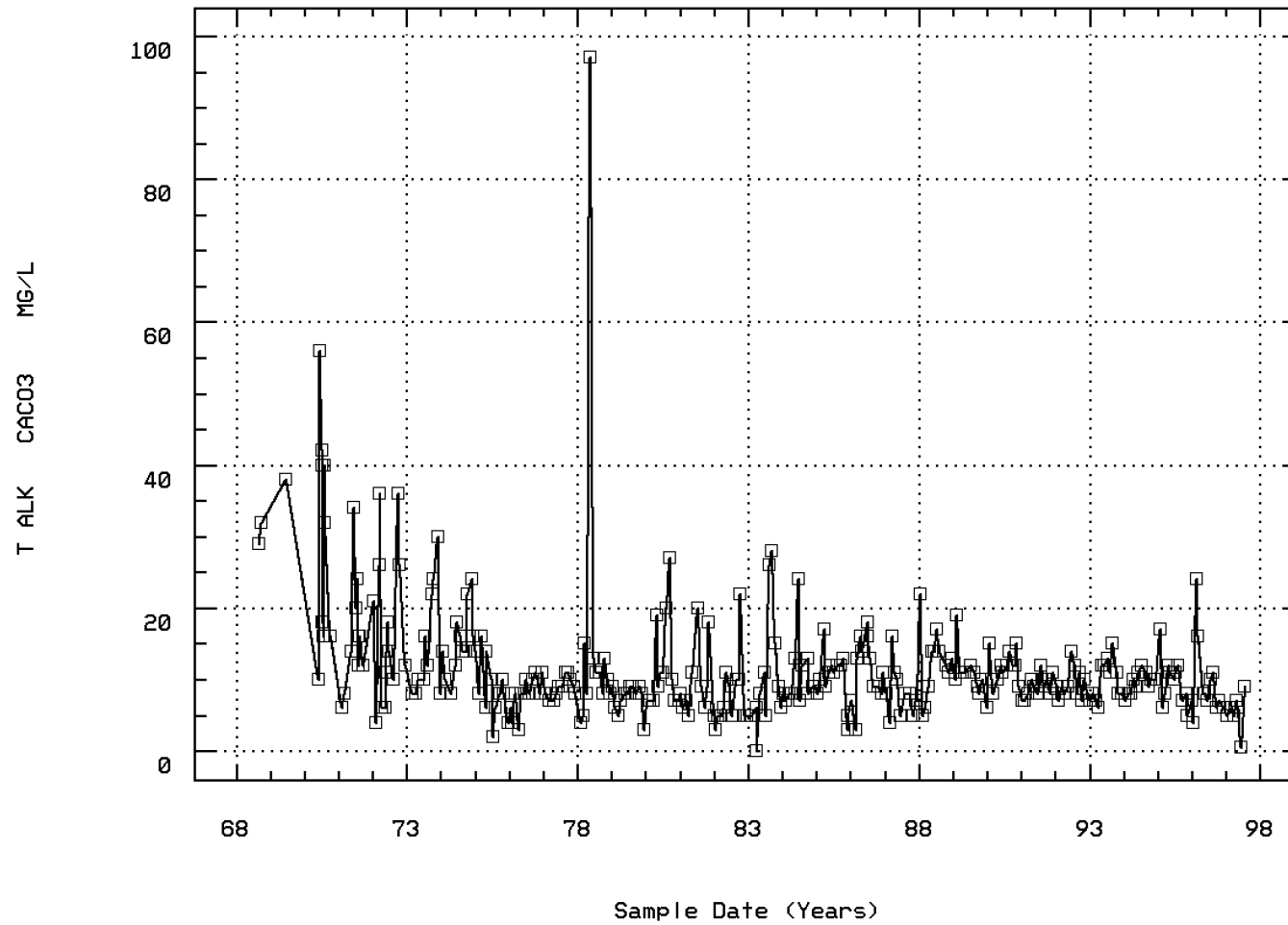
PH (STANDARD UNITS)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00410

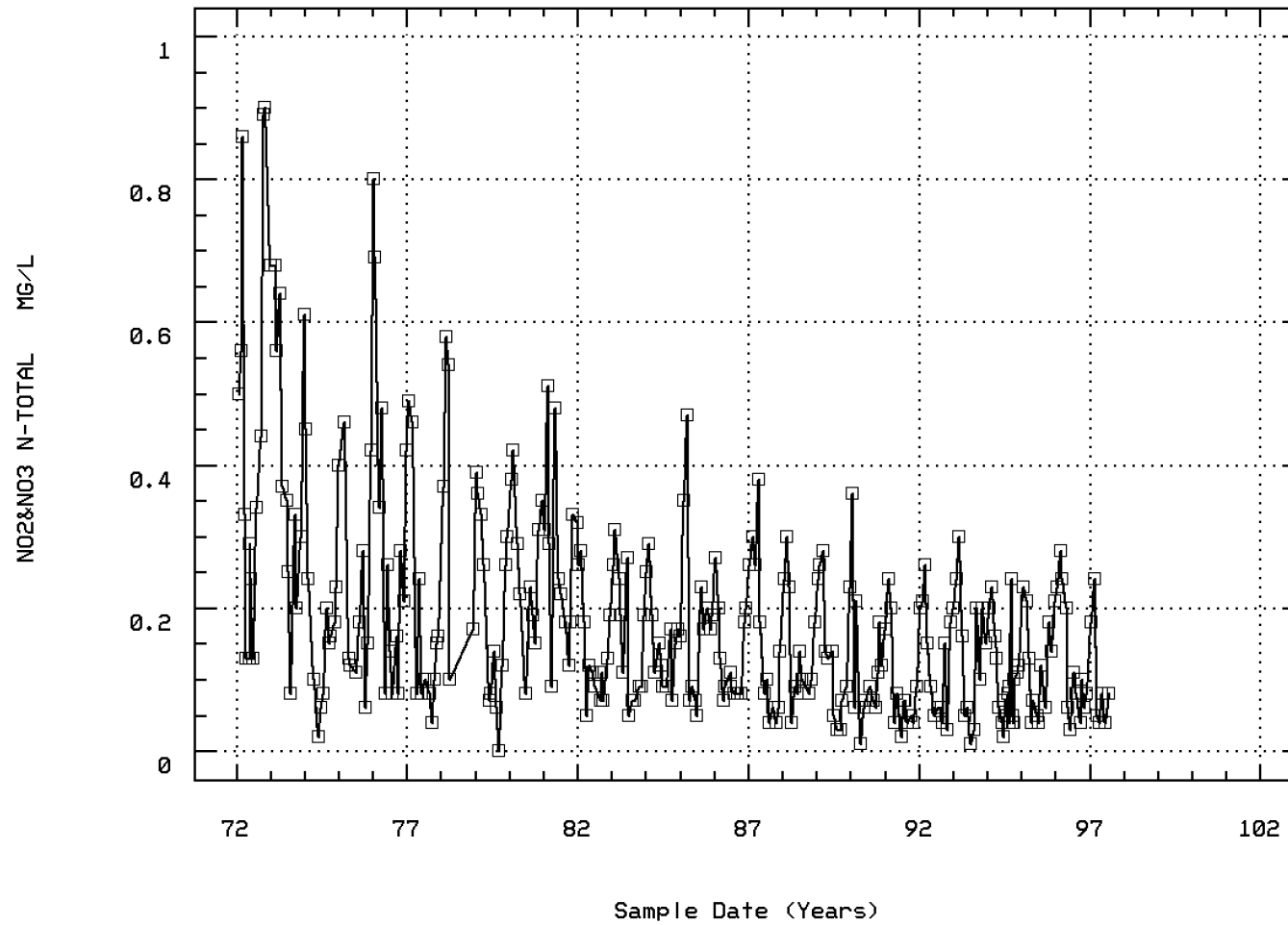
ALKALINITY, TOTAL (MG/L AS CaCO3)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00630

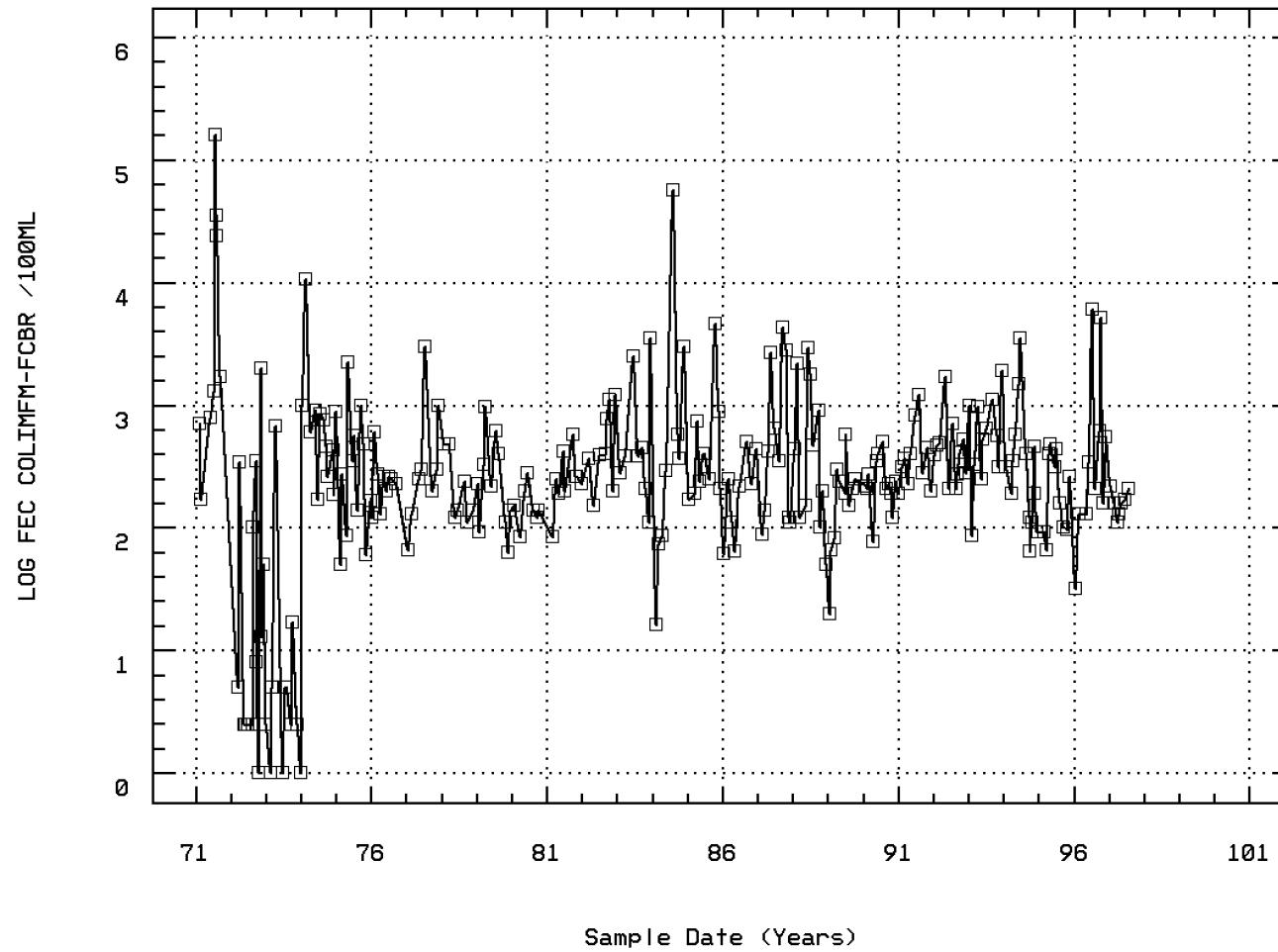
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



GILLS CK AT US 76

### Annual Analysis for 1968 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	2	70.	70.	70.	70.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	2	2.85	2.85	3.3	2.4	0.405	0.636	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	2	33.5	33.5	46.	21.	312.5	17.678	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	2	6.75	6.75	6.8	6.7	0.005	0.071	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	2	6.747	6.747	6.8	6.7	0.005	0.071	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	2	0.179	0.179	0.2	0.158	0.001	0.029	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	2	30.5	30.5	32.	29.	4.5	2.121	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1969 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	2	25.5	25.5	27.	24.	4.5	2.121	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	1	50.	50.	50.	50.	0.	0.	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	2	4.65	4.65	4.9	4.4	0.125	0.354	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	2	16.5	16.5	17.	16.	0.5	0.707	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	2	7.1	7.1	7.3	6.9	0.08	0.283	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	2	7.055	7.055	7.3	6.9	0.084	0.29	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	2	0.088	0.088	0.126	0.05	0.003	0.054	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	1	38.	38.	38.	38.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	27.	26.591	29.	21.	5.541	2.354	21.8	25.	28.	29.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	5	100.	86.	120.	40.	1480.	38.471	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	4.5	4.727	8.1	0.	6.024	2.454	0.44	2.7	6.8	7.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	11	17.7	18.664	44.	6.	120.705	10.987	6.66	9.5	25.6	40.6
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.6	6.555	6.8	6.2	0.027	0.163	6.24	6.5	6.7	6.78
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.6	6.524	6.8	6.2	0.028	0.167	6.24	6.5	6.7	6.78
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.251	0.299	0.631	0.158	0.017	0.129	0.167	0.2	0.316	0.584
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	18.	27.091	56.	10.	241.091	15.527	10.	16.	40.	53.2

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	10	26.5	23.4	28.	6.	54.933	7.412	6.8	21.5	28.	28.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	8	125.	138.75	280.	50.	6355.357	79.72	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	10	7.1	8.2	14.	6.2	6.131	2.476	6.23	6.5	10.05	13.62
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	10	6.8	13.44	76.1	3.5	490.523	22.148	3.51	4.275	8.8	69.67
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	10	6.6	6.53	6.9	5.8	0.098	0.313	5.86	6.4	6.725	6.89
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	10	6.589	6.4	6.9	5.8	0.117	0.341	5.86	6.4	6.725	6.89
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	10	0.258	0.398	1.585	0.126	0.185	0.43	0.129	0.189	0.398	1.466
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	10	15.	16.2	34.	6.	67.067	8.189	6.2	11.	21.	33.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	1500.	27957.5	160000.	170.3021964078.571	54972.394	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	3.172	3.556	5.204	2.23	1.053	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		3595.387								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	15	19.5	20.133	28.	8.	41.588	6.449	10.7	15.	27.	27.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	10	57.5	78.5	200.	50.	2233.611	47.261	50.5	55.	82.5	192.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	15	7.	7.28	12.2	1.7	5.966	2.443	3.44	6.3	9.	10.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	14	2.8	3.364	9.	1.	5.101	2.259	1.15	1.95	4.2	8.1
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	5	6.5	6.48	6.9	6.	0.122	0.349	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	5	6.5	6.368	6.9	6.	0.138	0.371	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	5	0.316	0.429	1.	0.126	0.122	0.349	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	14	6.4	6.35	7.	5.5	0.207	0.455	5.55	6.05	6.7	6.95
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	14	6.389	6.113	7.	5.5	0.268	0.518	5.55	6.05	6.7	6.95
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	14	0.409	0.772	3.162	0.1	0.878	0.937	0.113	0.2	0.91	2.837
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	14	14.	17.143	36.	4.	110.747	10.524	5.	9.	26.	36.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	13	0.34	0.442	0.9	0.13	0.082	0.286	0.13	0.185	0.71	0.896
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	14 ##	6.5	206.	2000.	0.	281662.231	530.719	0.5	2.5	161.25	1176.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	14 ##	0.801	1.171	3.301	0.	1.13	1.063	0.	0.398	2.134	2.924
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.821								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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### Annual Analysis for 1973 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	15.	17.636	27.	7.	51.255	7.159	7.6	10.	24.	27.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	10	90.	93.	140.	40.	1017.778	31.903	41.	76.25	122.5	139.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	8.9	8.973	12.1	6.4	3.8	1.949	6.52	7.	10.4	12.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.9	3.2	5.4	1.8	1.178	1.085	1.92	2.275	4.075	5.07
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	6	6.5	6.533	6.7	6.4	0.011	0.103	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	6	6.5	6.523	6.7	6.4	0.011	0.104	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	6	0.316	0.3	0.398	0.2	0.005	0.068	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.35	6.292	6.7	5.8	0.106	0.326	5.83	5.925	6.575	6.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.347	6.181	6.7	5.8	0.12	0.346	5.83	5.925	6.575	6.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.45	0.66	1.585	0.2	0.237	0.487	0.2	0.267	1.194	1.487
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	10.	14.182	30.	8.	60.364	7.769	8.	8.	22.	28.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.36	0.421	0.68	0.08	0.042	0.205	0.116	0.263	0.633	0.68
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	12 ##	3.75	60.958	680.	0.	38026.703	195.004	0.3	1.375	8.75	481.1
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	12 ##	0.548	0.696	2.833	0.	0.606	0.778	0.	0.099	0.925	2.352
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			4.968								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	10	19.5	19.55	28.	7.	62.303	7.893	7.2	12.	27.5	27.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	23	32.	52.	170.	14.	2111.364	45.95	14.8	20.	55.	142.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	9	24.	24.556	43.	12.	65.028	8.064	12.	22.	25.5	43.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	11	75.	82.727	140.	40.	921.818	30.361	44.	65.	120.	136.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	10	7.9	8.39	10.6	5.9	2.759	1.661	5.98	6.925	10.025	10.55
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	11	6.	6.727	12.4	3.3	7.448	2.729	3.46	4.6	8.5	11.88
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	10	6.75	6.74	7.4	6.3	0.103	0.32	6.31	6.475	6.925	7.36
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	10	6.747	6.648	7.4	6.3	0.112	0.335	6.31	6.475	6.925	7.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	10	0.179	0.225	0.501	0.04	0.02	0.143	0.046	0.119	0.337	0.491
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.7	6.664	7.4	5.9	0.167	0.408	5.96	6.5	6.9	7.34
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.7	6.488	7.4	5.9	0.2	0.448	5.96	6.5	6.9	7.34
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.2	0.325	1.259	0.04	0.121	0.348	0.048	0.126	0.316	1.133
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	14.	15.273	24.	8.	22.618	4.756	8.4	12.	18.	23.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	2	0.815	0.815	1.04	0.59	0.101	0.318	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	11	0.16	0.17	0.45	0.02	0.014	0.117	0.028	0.08	0.23	0.408
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	2 ##	0.11	0.11	0.15	0.07	0.003	0.057	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	11	600.	1482.727	10700.	170.	9429976.818	3070.827	173.	260.	900.	8760.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	11	2.778	2.798	4.029	2.23	0.24	0.49	2.238	2.415	2.954	3.824
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			627.763								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	23.75	19.917	27.	7.	54.856	7.406	7.6	12.	25.875	26.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	19	86.	90.421	198.	36.	2376.035	48.745	36.	49.	112.	198.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	34.5	31.333	43.	15.	95.515	9.773	15.3	21.25	39.5	42.1
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	12	90.	92.917	140.	40.	1492.992	38.639	40.	60.	135.	140.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.45	9.15	13.2	6.2	5.121	2.263	6.41	7.225	11.175	12.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	5.35	5.308	10.4	2.8	4.217	2.054	2.89	3.625	6.275	9.17
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.7	6.725	7.7	6.2	0.164	0.405	6.23	6.4	6.9	7.49
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.7	6.591	7.7	6.2	0.183	0.428	6.23	6.4	6.9	7.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.2	0.256	0.631	0.02	0.034	0.185	0.044	0.126	0.398	0.592
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.5	6.533	7.	6.1	0.073	0.271	6.16	6.3	6.775	6.94
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.489	6.46	7.	6.1	0.079	0.281	6.16	6.3	6.775	6.94
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.325	0.347	0.794	0.1	0.042	0.205	0.118	0.169	0.501	0.706
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	8.	8.833	16.	2.	17.788	4.218	2.6	6.	13.	15.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	6	0.245	0.241	0.6	0.01	0.044	0.209	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	6	1.015	2.442	7.07	0.5	7.491	2.737	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	10	0.165	0.231	0.46	0.06	0.022	0.147	0.065	0.118	0.405	0.456
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	6 ##	0.053	0.054	0.1	0.025	0.001	0.029	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	12	310.5	521.833	2225.	50.	386253.788	621.493	53.	99.5	796.25	1857.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	12	2.489	2.456	3.347	1.699	0.266	0.516	1.723	1.987	2.894	3.243
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			285.706								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	13	21.	17.538	26.	5.	48.769	6.983	6.2	11.5	23.	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	15	68.	94.733	234.	23.	5409.495	73.549	27.2	37.	111.	225.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	13	27.	29.769	60.	13.	173.359	13.167	13.8	20.	38.	54.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	6	65.	76.667	150.	55.	1336.667	36.56	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	13	9.7	9.308	12.4	7.1	3.397	1.843	7.22	7.5	10.8	12.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	13	4.4	4.562	8.	1.6	2.716	1.648	2.2	3.35	5.7	7.32
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	13	6.9	6.892	7.5	6.5	0.072	0.269	6.54	6.65	7.	7.38
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	13	6.9	6.824	7.5	6.5	0.077	0.278	6.54	6.65	7.	7.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	13	0.126	0.15	0.316	0.032	0.007	0.082	0.044	0.1	0.225	0.29
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	13	6.5	6.562	7.	6.3	0.044	0.21	6.34	6.4	6.75	6.92
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	13	6.5	6.52	7.	6.3	0.046	0.215	6.34	6.4	6.75	6.92
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	13	0.316	0.302	0.501	0.1	0.015	0.124	0.123	0.179	0.398	0.46
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	13	8.	8.077	11.	3.	6.244	2.499	3.4	7.	10.	11.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.165	0.166	0.21	0.11	0.001	0.036	0.113	0.14	0.2	0.21
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.99	1.108	2.	0.58	0.159	0.398	0.622	0.875	1.35	1.88
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	13	0.26	0.309	0.8	0.08	0.054	0.233	0.08	0.11	0.45	0.756
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	7	0.07	0.083	0.13	0.05	0.001	0.03	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	9	250.	257.778	600.	120.	19594.444	139.98	120.	165.	265.	600.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	9	2.398	2.366	2.778	2.079	0.041	0.203	2.079	2.207	2.423	2.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			232.231								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	22.	18.636	28.	2.	64.055	8.003	4.2	13.	25.	27.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	11	32.	45.636	124.	13.	1561.255	39.513	14.	20.	56.	123.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	11	23.	24.364	40.	13.	80.855	8.992	13.8	17.	28.	40.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	7.8	8.409	11.4	6.5	2.195	1.482	6.62	7.2	9.5	11.06
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	11	4.7	4.836	6.6	3.3	0.817	0.904	3.42	4.3	5.4	6.38
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	11	7.	6.927	7.2	6.5	0.044	0.21	6.52	6.8	7.	7.18
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	11	7.	6.875	7.2	6.5	0.047	0.217	6.52	6.8	7.	7.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	11	0.1	0.133	0.316	0.063	0.006	0.079	0.066	0.1	0.158	0.303
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.6	6.527	6.9	6.	0.062	0.249	6.06	6.4	6.7	6.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.6	6.456	6.9	6.	0.068	0.26	6.06	6.4	6.7	6.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.251	0.35	1.	0.126	0.059	0.243	0.132	0.2	0.398	0.9
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	9.	8.818	11.	7.	1.964	1.401	7.	8.	10.	11.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	10	0.1	0.111	0.2	0.025	0.004	0.063	0.025	0.059	0.18	0.198
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	10	0.805	0.81	1.36	0.49	0.055	0.235	0.495	0.698	0.86	1.313
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	11	0.1	0.18	0.49	0.04	0.024	0.155	0.048	0.08	0.24	0.484
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	10	0.07	0.073	0.15	0.015	0.001	0.038	0.018	0.048	0.1	0.145
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	275.	655.75	3000.	66.	980527.357	990.216	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	2.438	2.508	3.477	1.82	0.267	0.516	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			322.09								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	17.5	17.25	28.	5.	56.386	7.509	5.6	11.	24.	27.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	21.5	36.833	111.	11.	964.879	31.062	11.	13.25	51.	99.6

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### Annual Analysis for 1978 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	21.	27.058	70.	2.3	422.91	20.565	4.13	13.25	44.	65.5
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.25	8.333	13.2	5.7	4.275	2.068	5.76	6.675	9.575	12.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	4.25	4.817	8.3	2.3	3.12	1.766	2.63	3.55	5.85	8.09
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.5	6.617	7.1	6.2	0.102	0.319	6.23	6.4	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.5	6.527	7.1	6.2	0.11	0.332	6.23	6.4	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.316	0.297	0.631	0.079	0.03	0.173	0.079	0.109	0.398	0.592
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.4	6.564	8.2	6.	0.365	0.604	6.02	6.1	6.7	7.92
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.4	6.363	8.2	6.	0.409	0.639	6.02	6.1	6.7	7.92
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.398	0.433	1.	0.006	0.097	0.311	0.037	0.2	0.794	0.959
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	10.5	16.917	97.	4.	646.629	25.429	4.3	8.	13.	72.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	5	0.18	0.143	0.22	0.025	0.006	0.079	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	5	0.74	0.71	0.86	0.37	0.039	0.198	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	5	0.37	0.352	0.58	0.1	0.046	0.215	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	4	0.055	0.053	0.06	0.04	0.	0.01	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	7	140.	244.286	480.	110.	27728.571	166.519	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	7	2.146	2.308	2.681	2.041	0.077	0.277	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			203.204								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1979 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	14.5	15.333	25.	5.	48.606	6.972	5.3	9.5	22.5	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	54.5	66.167	190.	21.	2239.242	47.321	22.2	31.5	90.25	163.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	22.5	21.	35.	7.2	91.789	9.581	7.38	12.5	30.	33.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.8	9.267	13.4	6.7	4.61	2.147	6.79	7.575	10.825	13.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.5	3.517	5.1	2.1	0.747	0.864	2.19	2.925	4.05	4.95
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.45	6.425	6.8	6.1	0.047	0.218	6.13	6.2	6.575	6.77
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.447	6.377	6.8	6.1	0.05	0.224	6.13	6.2	6.575	6.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.357	0.42	0.794	0.158	0.041	0.203	0.171	0.267	0.631	0.745
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.4	6.383	6.8	5.8	0.067	0.259	5.92	6.225	6.5	6.77
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.4	6.305	6.8	5.8	0.074	0.272	5.92	6.225	6.5	6.77
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.398	0.496	1.585	0.158	0.14	0.374	0.171	0.316	0.599	1.299
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	8.	7.417	9.	3.	3.538	1.881	3.6	6.25	9.	9.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.06	0.066	0.13	0.025	0.002	0.039	0.025	0.025	0.103	0.127
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	7	0.44	0.533	1.05	0.27	0.08	0.283	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.2	0.198	0.39	0.	0.018	0.134	0.018	0.073	0.323	0.381
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.065	0.069	0.12	0.03	0.001	0.027	0.033	0.043	0.09	0.114
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	225.	316.5	960.	63.	79845.611	282.57	65.9	105.5	455.	926.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	2.352	2.355	2.982	1.799	0.142	0.377	1.816	2.022	2.65	2.963
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			226.466								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1980 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	19.5	18.667	28.	5.	68.061	8.25	5.9	10.5	25.75	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	13	13.	17.692	31.	4.	103.064	10.152	4.4	10.	27.5	30.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	43.	58.417	177.	11.	2700.629	51.968	11.3	18.	86.	162.9
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	19.5	22.5	46.	11.	137.364	11.72	11.	15.	25.5	45.7

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### Annual Analysis for 1980 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	9.4	8.917	12.6	2.5	9.772	3.126	3.1	7.2	11.725	12.42
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	4.	4.142	6.1	1.8	1.904	1.38	1.83	3.475	5.225	6.07
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.4	6.483	7.	6.	0.096	0.31	6.06	6.225	6.775	6.94
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.389	6.389	7.	6.	0.106	0.325	6.06	6.225	6.775	6.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.409	0.408	1.	0.1	0.072	0.268	0.118	0.169	0.599	0.889
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.15	6.15	6.4	5.8	0.025	0.157	5.86	6.1	6.275	6.37
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.147	6.122	6.4	5.8	0.025	0.159	5.86	6.1	6.275	6.37
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.713	0.755	1.585	0.398	0.096	0.31	0.429	0.534	0.794	1.409
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	9.5	11.833	27.	7.	43.424	6.59	7.	7.	17.	24.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	11	0.15	0.148	0.22	0.07	0.002	0.048	0.076	0.1	0.2	0.218
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	6	0.805	0.713	1.15	0.2	0.118	0.344	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	10	0.26	0.262	0.42	0.08	0.011	0.107	0.087	0.18	0.358	0.416
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	11	0.08	0.081	0.14	0.04	0.001	0.034	0.04	0.04	0.11	0.136
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	7	140.	159.143	280.	84.	4045.143	63.601	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	7	2.146	2.174	2.447	1.924	0.027	0.165	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			149.377								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	17.	16.458	27.	4.	62.975	7.936	4.	10.	23.5	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	19.	18.083	35.	-3.	147.538	12.147	-0.2	11.25	30.25	34.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	43.	48.917	170.	12.	2051.902	45.298	12.6	17.25	53.75	149.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	10	16.5	14.03	22.	0.9	45.207	6.724	1.56	8.55	18.75	21.9
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.5	8.858	12.	6.3	3.057	1.748	6.54	7.55	9.975	11.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	5.05	4.7	6.2	2.7	1.289	1.135	2.82	3.65	5.55	6.14
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.55	6.575	7.	6.2	0.047	0.218	6.26	6.425	6.675	6.97
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.547	6.528	7.	6.2	0.05	0.223	6.26	6.425	6.675	6.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.284	0.296	0.631	0.1	0.02	0.14	0.108	0.212	0.378	0.561
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.3	6.282	6.7	5.9	0.05	0.223	5.92	6.1	6.4	6.66
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.3	6.23	6.7	5.9	0.053	0.229	5.92	6.1	6.4	6.66
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.501	0.588	1.259	0.2	0.096	0.31	0.223	0.398	0.794	1.207
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	8.	9.455	20.	5.	25.873	5.087	5.	6.	11.	19.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	10	0.295	0.764	4.	0.15	1.377	1.173	0.153	0.21	0.898	3.698
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	11	1.32	1.367	2.8	0.5	0.405	0.636	0.536	1.02	1.66	2.64
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.265	0.273	0.51	0.09	0.017	0.129	0.099	0.18	0.328	0.501
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	11	0.13	0.301	1.2	0.04	0.154	0.393	0.046	0.1	0.22	1.152
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	9	250.	274.889	580.	84.	20810.111	144.257	84.	195.	340.	580.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	9	2.398	2.387	2.763	1.924	0.054	0.233	1.924	2.29	2.519	2.763
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			243.616								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	20.	17.625	26.	1.	66.415	8.15	3.4	10.25	24.75	25.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	20.	17.5	27.	1.	69.409	8.331	1.75	14.125	23.75	26.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	67.	65.667	144.	20.	1545.879	39.318	20.9	25.	92.75	132.9
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	11	18.	17.545	25.	10.	18.073	4.251	10.6	15.	21.	24.2

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### Annual Analysis for 1982 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	9.5	8.642	11.4	6.	3.614	1.901	6.15	6.725	10.	11.13
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	4.5	4.5	6.9	2.	2.129	1.459	2.33	3.25	5.625	6.72
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.4	6.508	7.	6.2	0.068	0.261	6.2	6.3	6.7	6.94
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.4	6.444	7.	6.2	0.073	0.269	6.2	6.3	6.7	6.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.398	0.36	0.631	0.1	0.034	0.185	0.118	0.2	0.501	0.631
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.1	6.117	6.9	5.5	0.22	0.469	5.5	5.6	6.525	6.84
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.1	5.908	6.9	5.5	0.267	0.517	5.5	5.6	6.525	6.84
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.794	1.236	3.162	0.126	1.445	1.202	0.148	0.314	2.686	3.162
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	5.5	8.	22.	3.	26.182	5.117	3.6	5.	10.	18.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.265	0.522	1.8	0.05	0.332	0.576	0.059	0.098	0.843	1.68
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	1.19	2.289	15.6	0.3	17.753	4.213	0.39	0.678	1.545	11.424
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.115	0.138	0.28	0.05	0.006	0.074	0.056	0.075	0.188	0.274
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.22	0.598	4.6	0.16	1.594	1.262	0.16	0.178	0.295	3.34
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	395.	573.75	1200.	150.	162341.071	402.916	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	2.597	2.656	3.079	2.176	0.108	0.328	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			453.304								

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### Annual Analysis for 1983 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	18.5	18.667	31.	5.	72.197	8.497	5.9	11.	26.625	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	20.5	18.875	35.	1.	106.46	10.318	1.9	9.625	27.5	32.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	85.5	122.583	569.	3.	24982.265	158.058	5.1	14.5	136.	473.9
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	19.	23.3	63.	3.6	260.935	16.153	5.82	11.75	32.	55.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.55	8.083	13.1	1.4	11.194	3.346	1.67	7.55	9.55	12.68
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.95	3.008	4.9	1.3	1.475	1.215	1.33	2.1	3.95	4.84
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.35	6.342	6.7	6.	0.059	0.243	6.	6.075	6.575	6.67
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.347	6.279	6.7	6.	0.063	0.252	6.	6.075	6.575	6.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.45	0.526	1.	0.2	0.092	0.303	0.215	0.267	0.875	1.
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.	5.942	6.7	4.	0.448	0.669	4.54	5.825	6.3	6.61
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.	5.038	6.7	4.	1.339	1.157	4.54	5.825	6.3	6.61
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	1.	9.16	100.	0.2	818.586	28.611	0.259	0.501	1.503	70.475
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	7.	10.333	28.	0.	74.242	8.616	1.5	5.	14.	27.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.135	0.182	0.8	0.07	0.04	0.2	0.07	0.09	0.168	0.623
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.74	1.139	2.6	0.6	0.56	0.748	0.606	0.625	1.783	2.54
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.15	0.162	0.31	0.05	0.008	0.092	0.056	0.075	0.255	0.298
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.185	0.144	0.24	0.01	0.007	0.081	0.016	0.055	0.2	0.237
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	380.	976.25	3500.	110.	1643055.357	1281.817	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	2.58	2.696	3.544	2.041	0.267	0.517	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			496.243								

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### Annual Analysis for 1984 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	17.	18.208	27.	6.5	59.203	7.694	7.25	11.375	26.	26.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	21.75	18.292	30.	3.5	82.248	9.069	4.25	9.	25.875	29.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	46.	56.25	153.	7.	1954.023	44.204	9.4	21.25	84.5	142.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	13.	14.875	49.	4.6	143.508	11.979	4.72	8.125	15.	41.5
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.75	8.833	12.	6.4	4.615	2.148	6.43	6.7	11.1	11.88
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.55	3.5	6.4	1.2	2.596	1.611	1.26	1.95	4.5	6.07
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.7	6.692	7.	6.2	0.043	0.207	6.29	6.6	6.8	6.97

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.7	6.64	7.	6.2	0.046	0.213	6.29	6.6	6.8	6.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.2	0.229	0.631	0.1	0.02	0.14	0.108	0.158	0.251	0.537
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.6	6.617	6.9	6.3	0.025	0.159	6.36	6.5	6.7	6.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.6	6.59	6.9	6.3	0.026	0.161	6.36	6.5	6.7	6.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.251	0.257	0.501	0.126	0.01	0.099	0.136	0.2	0.316	0.446
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	8.5	10.5	24.	7.	22.818	4.777	7.	8.	12.75	20.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.12	0.138	0.3	0.07	0.004	0.063	0.073	0.103	0.165	0.27
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.965	0.914	1.74	0.45	0.115	0.339	0.465	0.645	1.03	1.542
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.15	0.154	0.29	0.07	0.004	0.066	0.076	0.095	0.185	0.278
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.095	0.115	0.32	0.05	0.005	0.074	0.056	0.07	0.118	0.281
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	330.	7675.625	57000.	16.	398176732.554	19954.366	**	**	**	**
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	8	2.515	2.628	4.756	1.204	1.198	1.095	**	**	**	**
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			424.303								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.286	0.3	0.15	0.002	0.045	0.18	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	21.5	18.083	28.5	7.5	52.447	7.242	7.95	10.125	23.625	27.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	24.	19.708	34.	4.	83.884	9.159	5.2	10.75	25.375	31.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	22.	88.167	687.	7.	36816.515	191.876	7.3	8.75	65.5	519.3
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	6.6	6.858	14.	2.7	16.046	4.006	2.82	3.15	8.475	14.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.55	8.675	12.5	6.4	3.471	1.863	6.43	6.85	9.725	11.99
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.85	2.775	5.	1.4	0.868	0.931	1.52	2.025	3.2	4.46
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.3	6.454	8.3	5.5	0.465	0.682	5.62	6.163	6.675	7.85
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.289	6.157	8.3	5.5	0.561	0.749	5.62	6.163	6.675	7.85
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.515	0.696	3.162	0.005	0.714	0.845	0.051	0.212	0.689	2.591
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.55	6.575	6.8	6.2	0.033	0.182	6.26	6.5	6.775	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.547	6.539	6.8	6.2	0.034	0.185	6.26	6.5	6.775	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.284	0.289	0.631	0.158	0.018	0.133	0.158	0.169	0.316	0.561
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	11.	10.25	17.	3.	13.659	3.696	3.6	8.25	12.	15.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.115	0.126	0.25	0.025	0.005	0.073	0.025	0.07	0.158	0.25
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.72	0.803	1.45	0.43	0.073	0.271	0.487	0.665	0.885	1.369
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.17	0.185	0.47	0.05	0.015	0.123	0.056	0.075	0.223	0.434
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.055	0.064	0.15	0.025	0.002	0.043	0.025	0.025	0.095	0.141
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	325.	808.	4600.	170.	1833617.778	1354.111	172.	205.	775.	4228.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	2.5	2.629	3.663	2.23	0.191	0.437	2.235	2.311	2.888	3.591
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			425.615								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.275	0.3	0.15	0.003	0.058	0.15	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	17.75	18.875	29.	6.	55.778	7.468	7.95	12.625	26.25	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	23.5	22.333	34.	10.5	60.833	7.8	10.65	16.25	29.375	33.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	24.	38.833	124.	4.	1560.697	39.506	5.5	14.75	49.	120.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	11.8	13.825	28.	1.2	59.418	7.708	3.15	8.3	21.	26.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	9.05	8.358	11.9	5.2	4.675	2.162	5.26	5.875	9.725	11.51
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.5	3.092	4.4	1.7	0.988	0.994	1.73	1.825	3.8	4.28
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.55	6.567	7.1	6.2	0.055	0.235	6.23	6.425	6.675	7.01

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### Annual Analysis for 1986 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.547	6.515	7.1	6.2	0.058	0.241	6.23	6.425	6.675	7.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.284	0.306	0.631	0.079	0.022	0.15	0.103	0.212	0.378	0.592
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.5	6.592	7.1	6.	0.117	0.342	6.09	6.325	6.925	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.5	6.476	7.1	6.	0.132	0.363	6.09	6.325	6.925	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.316	0.334	1.	0.079	0.066	0.257	0.079	0.125	0.475	0.85
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	12.	11.417	18.	3.	19.174	4.379	4.2	8.25	15.5	17.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.105	0.147	0.35	0.025	0.011	0.104	0.025	0.073	0.24	0.326
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.785	0.89	1.43	0.33	0.151	0.389	0.351	0.563	1.305	1.427
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.1	0.132	0.27	0.07	0.004	0.065	0.073	0.08	0.195	0.249
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.06	0.056	0.09	0.025	0.	0.022	0.025	0.031	0.07	0.087
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	225.	234.5	500.	62.	26788.286	163.671	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	8	2.352	2.261	2.699	1.792	0.121	0.348	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			182.205								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.287	0.3	0.15	0.002	0.043	0.195	0.3	0.3	0.3

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### Annual Analysis for 1987 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	15.	16.727	28.5	8.5	51.818	7.198	8.8	10.	24.	27.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	11	21.	19.909	27.	12.	20.641	4.543	12.7	16.	23.	26.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	55.5	55.	107.	13.	882.364	29.705	15.4	30.	78.	104.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	11	10.	13.409	25.	7.1	47.851	6.917	7.12	7.3	18.	24.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	9.3	9.309	11.2	7.6	2.075	1.44	7.62	7.7	11.	11.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	11	2.4	2.955	5.4	1.5	2.497	1.58	1.5	1.6	4.9	5.38
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.8	6.759	7.5	6.35	0.1	0.316	6.35	6.5	6.9	7.38
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.8	6.671	7.5	6.35	0.108	0.329	6.35	6.5	6.9	7.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	11	0.158	0.213	0.447	0.032	0.018	0.134	0.05	0.126	0.316	0.447
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.5	6.209	6.8	5.5	0.271	0.52	5.5	5.5	6.6	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.5	5.931	6.8	5.5	0.356	0.597	5.5	5.5	6.6	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.316	1.172	3.162	0.158	1.728	1.315	0.158	0.251	3.162	3.162
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	8.	8.091	16.	4.	11.291	3.36	4.2	5.	10.	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.09	0.08	0.17	0.025	0.002	0.049	0.025	0.025	0.1	0.164
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.655	0.726	1.24	0.5	0.037	0.191	0.533	0.63	0.815	1.132
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.12	0.158	0.38	0.04	0.013	0.116	0.04	0.06	0.26	0.356
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.07	0.071	0.11	0.025	0.001	0.028	0.025	0.053	0.095	0.11
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	385.	1166.9	4300.	89.	2307329.433	1518.99	91.1	117.5	2725.	4150.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	2.584	2.67	3.633	1.949	0.41	0.64	1.959	2.07	3.435	3.615
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			467.905								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1988 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	13	18.	18.854	30.	8.5	46.386	6.811	8.54	13.	24.75	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	13	23.	21.846	36.	7.	55.308	7.437	9.4	16.5	27.	32.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	11	84.	91.364	241.	17.	6365.255	79.783	17.2	24.	121.	238.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	11	18.	21.291	60.	9.2	192.331	13.868	9.76	13.	24.	53.4
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	13	7.7	8.2	11.3	4.	3.848	1.962	5.04	7.15	10.05	11.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	11	1.9	2.364	4.	1.1	1.471	1.213	1.1	1.3	3.9	3.98
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.95	6.854	7.3	6.1	0.176	0.42	6.13	6.6	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.925	6.654	7.3	6.1	0.22	0.469	6.13	6.6	7.2	7.3

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### Annual Analysis for 1988 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.119	0.222	0.794	0.05	0.059	0.244	0.05	0.063	0.251	0.745
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.9	6.727	7.1	6.	0.156	0.395	6.	6.6	7.	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.9	6.528	7.1	6.	0.2	0.447	6.	6.6	7.	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.126	0.296	1.	0.079	0.124	0.352	0.079	0.1	0.251	1.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	13.	12.455	22.	5.	23.073	4.803	5.2	9.	14.	21.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	11	0.18	0.183	0.32	0.05	0.006	0.08	0.062	0.12	0.24	0.312
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	11	0.69	0.794	1.34	0.41	0.088	0.297	0.424	0.6	1.04	1.31
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	11	0.1	0.144	0.3	0.04	0.007	0.082	0.048	0.08	0.23	0.288
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	11	0.07	0.086	0.22	0.05	0.002	0.048	0.052	0.06	0.09	0.2
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	11	440.	848.182	2900.	50.	989036.364	994.503	60.	120.	1800.	2760.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	11	2.643	2.599	3.462	1.699	0.357	0.597	1.759	2.079	3.255	3.438
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			396.872								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	18.5	18.333	29.	4.	51.515	7.177	5.5	14.5	23.75	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	20.5	20.292	39.	4.5	72.384	8.508	6.75	14.25	24.75	35.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	12	49.	79.917	253.	12.	5585.72	74.738	18.	34.75	95.	239.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	24.	25.667	40.	14.	70.606	8.403	15.2	19.25	32.5	40.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.5	8.592	12.9	4.7	4.501	2.122	5.3	7.275	9.675	12.33
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.75	2.875	4.	1.4	0.66	0.813	1.58	2.275	3.575	3.97
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.95	7.05	7.6	6.6	0.105	0.323	6.6	6.9	7.35	7.57
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.947	6.95	7.6	6.6	0.115	0.34	6.6	6.9	7.35	7.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.113	0.112	0.251	0.025	0.006	0.075	0.027	0.046	0.126	0.251
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.8	6.725	7.	6.	0.084	0.29	6.12	6.625	6.975	7.
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.8	6.609	7.	6.	0.098	0.314	6.12	6.625	6.975	7.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.158	0.246	1.	0.1	0.063	0.252	0.1	0.106	0.238	0.819
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	11.	10.727	19.	6.	10.418	3.228	6.4	9.	11.	17.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.095	0.106	0.2	0.025	0.003	0.055	0.025	0.073	0.145	0.194
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.81	0.777	1.04	0.46	0.047	0.216	0.466	0.56	0.99	1.034
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.135	0.141	0.28	0.03	0.008	0.091	0.03	0.055	0.238	0.274
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.065	0.071	0.11	0.04	0.001	0.025	0.04	0.05	0.095	0.11
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	200.	207.7	570.	20.	24184.011	155.512	24.5	77.75	262.5	543.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	10	2.3	2.182	2.756	1.301	0.168	0.41	1.352	1.889	2.418	2.728
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			151.914								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	18.	20.045	30.	10.5	44.873	6.699	10.8	15.5	26.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	11	25.	24.455	37.	9.	85.073	9.223	9.4	15.	33.	36.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	5	20.	18.6	22.	14.	11.8	3.435	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	17.	17.458	29.	9.5	25.339	5.034	10.25	14.25	20.	26.9
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	8.3	8.255	11.3	4.	4.023	2.006	4.54	7.3	9.7	11.12
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.25	3.158	5.4	2.	0.934	0.966	2.03	2.325	3.575	4.98
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.85	6.855	7.6	6.2	0.182	0.427	6.2	6.6	7.1	7.54
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.85	6.669	7.6	6.2	0.22	0.469	6.2	6.6	7.1	7.54

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### Annual Analysis for 1990 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	11	0.141	0.214	0.631	0.025	0.047	0.216	0.03	0.079	0.251	0.631
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.75	6.708	7.1	5.8	0.11	0.332	6.01	6.625	6.9	7.07
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.747	6.535	7.1	5.8	0.143	0.378	6.01	6.625	6.9	7.07
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.179	0.292	1.585	0.079	0.17	0.413	0.086	0.126	0.238	1.204
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	12.	11.667	15.	8.	4.97	2.229	8.3	10.	13.5	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.08	0.103	0.31	0.025	0.007	0.087	0.025	0.031	0.165	0.274
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.73	0.777	1.14	0.6	0.032	0.18	0.6	0.63	0.835	1.128
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.08	0.117	0.36	0.01	0.009	0.094	0.025	0.06	0.165	0.315
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.065	0.11	0.6	0.03	0.024	0.156	0.033	0.043	0.09	0.453
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	12	225.	251.417	500.	77.	13673.174	116.932	89.9	195.	330.	470.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	12	2.352	2.354	2.699	1.886	0.048	0.219	1.944	2.29	2.516	2.67
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			226.017								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	22.5	20.5	29.	10.	47.045	6.859	10.6	14.	27.375	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	25.75	22.417	33.	10.5	62.22	7.888	10.65	15.	28.75	32.1
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	29.	28.333	40.	18.	55.879	7.475	18.6	21.25	33.	39.7
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.15	8.283	10.9	6.2	1.82	1.349	6.41	7.3	9.3	10.63
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.8	2.6	3.8	0.9	0.907	0.953	1.08	1.65	3.45	3.74
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.35	6.421	6.95	6.05	0.075	0.273	6.065	6.188	6.663	6.875
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.35	6.35	6.95	6.05	0.08	0.283	6.065	6.188	6.663	6.875
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.447	0.447	0.891	0.112	0.062	0.249	0.138	0.22	0.656	0.862
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.75	6.75	7.	6.6	0.015	0.124	6.6	6.625	6.8	6.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.747	6.734	7.	6.6	0.016	0.125	6.6	6.625	6.8	6.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.179	0.184	0.251	0.1	0.002	0.05	0.108	0.158	0.238	0.251
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	9.	9.083	12.	7.	2.447	1.564	7.	8.	10.	11.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12	0.065	0.088	0.26	0.025	0.004	0.066	0.025	0.05	0.12	0.227
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.795	0.792	1.61	0.29	0.143	0.378	0.317	0.43	1.043	1.448
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.07	0.093	0.24	0.02	0.005	0.071	0.026	0.04	0.15	0.228
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.065	0.062	0.09	0.03	0.	0.017	0.033	0.045	0.07	0.087
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	340.	445.	1200.	190.	103894.444	322.327	191.	222.5	542.5	1162.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	2.53	2.57	3.079	2.279	0.067	0.26	2.281	2.347	2.718	3.063
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			371.236								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	17.5	18.	31.	6.	73.591	8.579	6.3	9.625	26.875	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	22.	21.208	34.	6.	98.066	9.903	6.3	12.	30.375	33.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	2	104.	104.	113.	95.	162.	12.728	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	29.5	29.542	60.	0.5	195.248	13.973	6.05	24.	36.25	54.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.9	8.875	11.6	6.9	2.446	1.564	6.9	7.475	10.425	11.36
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.4	2.967	5.7	1.8	1.679	1.296	1.83	2.025	4.075	5.43
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.775	6.829	7.3	6.4	0.082	0.287	6.43	6.65	7.05	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.774	6.751	7.3	6.4	0.089	0.299	6.43	6.65	7.05	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.168	0.177	0.398	0.05	0.011	0.105	0.05	0.091	0.224	0.374

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### Annual Analysis for 1992 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	9	6.9	6.867	7.3	6.6	0.053	0.229	6.6	6.65	7.	7.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	9	6.9	6.818	7.3	6.6	0.055	0.235	6.6	6.65	7.	7.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	9	0.126	0.152	0.251	0.05	0.005	0.07	0.05	0.103	0.225	0.251
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	9.	9.333	14.	7.	4.424	2.103	7.	8.	10.75	13.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	6	20.	19.833	34.	8.	89.367	9.453	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12 ##	0.025	0.037	0.11	0.025	0.001	0.028	0.025	0.025	0.025	0.101
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.7	0.781	1.3	0.27	0.094	0.307	0.339	0.56	1.083	1.27
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.12	0.123	0.26	0.03	0.006	0.078	0.033	0.053	0.195	0.245
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.07	0.067	0.09	0.04	0.	0.017	0.043	0.05	0.08	0.09
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	11	410.	513.636	1700.	210.	176905.455	420.601	210.	270.	520.	1500.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	11	2.613	2.626	3.23	2.322	0.068	0.261	2.322	2.431	2.716	3.153
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			422.196								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	18.25	18.375	31.	6.	86.506	9.301	6.15	8.75	26.875	30.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	25.	21.25	34.	4.	124.023	11.137	4.9	10.5	31.75	34.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	11	54.	77.909	215.	10.	4285.891	65.467	11.6	26.	137.	200.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74/07/22/97	12	31.5	30.75	50.	13.	107.841	10.385	14.5	21.75	39.	47.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.5	8.358	11.2	3.	6.043	2.458	3.93	6.725	10.6	11.17
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.45	3.133	5.4	1.5	1.753	1.324	1.53	1.8	4.175	5.13
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.5	6.563	7.25	5.9	0.227	0.477	5.9	6.15	7.05	7.22
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.497	6.349	7.25	5.9	0.277	0.527	5.9	6.15	7.05	7.22
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.318	0.448	1.259	0.056	0.189	0.435	0.061	0.089	0.721	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	9.5	9.833	15.	6.	8.152	2.855	6.3	7.25	12.	14.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	12	28.5	28.833	51.	12.	114.879	10.718	13.5	21.25	33.25	48.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12 ##	0.025	0.034	0.1	0.025	0.001	0.023	0.025	0.025	0.025	0.088
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.71	0.765	1.28	0.4	0.091	0.302	0.409	0.493	1.085	1.25
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.155	0.142	0.3	0.01	0.008	0.091	0.016	0.053	0.2	0.282
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.065	0.074	0.15	0.03	0.001	0.038	0.03	0.043	0.103	0.144
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	11	560.	696.909	1900.	86.	268049.091	517.735	118.8	310.	1000.	1740.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	11	2.748	2.72	3.279	1.934	0.139	0.372	2.027	2.491	3.	3.231
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			525.009								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	22	20.75	20.568	30.5	3.	42.888	6.549	15.	15.5	26.125	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	20	20.25	21.425	35.	7.	55.402	7.443	11.1	16.875	26.875	31.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	8	47.5	52.375	83.	27.	477.125	21.843	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	14.5	17.167	32.	11.	55.97	7.481	11.	11.5	22.75	31.4
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	22	7.85	7.518	9.7	4.5	1.701	1.304	6.13	6.375	8.55	9.25
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	2.45	2.908	6.1	1.7	1.572	1.254	1.79	2.05	3.475	5.56
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	22	6.3	6.334	7.75	5.45	0.462	0.68	5.465	5.75	6.758	7.405
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	22	6.3	5.966	7.75	5.45	0.603	0.777	5.465	5.75	6.758	7.405
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	22	0.501	1.081	3.548	0.018	1.524	1.235	0.04	0.197	1.817	3.432
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	10.	9.583	12.	7.	2.083	1.443	7.3	8.25	10.75	11.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	22	10.5	18.091	120.	6.	556.087	23.581	7.3	9.	18.5	27.4

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### Annual Analysis for 1994 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	22 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	22	0.585	0.602	1.04	0.29	0.033	0.182	0.318	0.515	0.688
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	22	0.085	0.098	0.24	0.02	0.004	0.063	0.04	0.048	0.123
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	22	0.05	0.066	0.22	0.01	0.002	0.05	0.02	0.038	0.083
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	13	310.	605.154	3500.	64.	898108.308	947.686	75.6	115.	520.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	13	2.491	2.48	3.544	1.806	0.242	0.492	1.871	2.06	2.713
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		301.812								2700.
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	22	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	11	22.	19.409	28.	4.5	60.841	7.8	5.6	10.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	19.5	19.583	31.	2.	67.72	8.229	5.3	13.75	26.
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	12.5	16.608	32.	7.4	86.017	9.275	7.97	9.3	26.25
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	11	8.1	8.355	10.8	6.9	1.925	1.387	6.9	7.1	9.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.05	2.742	4.2	1.2	1.014	1.007	1.23	1.85	3.5
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.45	6.663	8.54	5.9	0.612	0.782	5.9	6.2	7.16
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	11	6.45	6.32	8.54	5.9	0.741	0.861	5.9	6.2	7.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	11	0.355	0.479	1.259	0.003	0.2	0.448	0.011	0.069	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	12	9.	9.5	17.	5.	11.182	3.344	5.3	7.	11.75
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	12	12.5	12.667	20.	7.	13.152	3.627	7.6	10.	15.75
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.65	0.65	0.9	0.42	0.026	0.161	0.432	0.502	0.788
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.125	0.123	0.23	0.04	0.005	0.071	0.04	0.053	0.203
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.055	0.052	0.1	0.01	0.001	0.026	0.013	0.033	0.068
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	210.	240.5	480.	65.	25242.278	158.878	67.8	96.	410.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	2.31	2.281	2.681	1.813	0.105	0.324	1.828	1.982	2.612
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		190.782								2.677
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	12	0.3	1.142	10.4	0.3	8.501	2.916	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	12	20.	18.992	28.	9.	42.228	6.498	9.15	12.875	24.625
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	12	20.5	20.792	31.	11.	35.975	5.998	11.9	15.	25.75
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	12	13.5	17.1	37.	6.7	94.144	9.703	6.91	8.975	24.75
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	12	8.35	8.875	12.4	6.7	3.006	1.734	6.85	7.925	9.925
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	12	3.55	4.008	6.9	1.9	2.37	1.539	1.99	2.925	5.275
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.685	6.764	7.75	6.17	0.228	0.477	6.221	6.388	7.045
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	12	6.685	6.592	7.75	6.17	0.26	0.51	6.221	6.387	7.045
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	12	0.207	0.256	0.676	0.018	0.038	0.194	0.022	0.1	0.411
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	11	8.	9.727	24.	4.	32.618	5.711	4.4	6.	11.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	12	18.	18.75	28.	7.	42.932	6.552	8.2	13.75	25.25
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	12 ##	0.025	0.029	0.07	0.025	0.	0.013	0.025	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	12	0.735	0.807	1.34	0.54	0.057	0.238	0.564	0.678	0.825
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	12	0.09	0.126	0.28	0.03	0.008	0.087	0.033	0.06	0.223
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	12	0.06	0.055	0.08	0.01	0.001	0.025	0.01	0.043	0.08
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	275.	1326.2	6000.	32.	5035184.4	2243.922	41.8	130.	1732.5
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	10	2.427	2.58	3.778	1.505	0.508	0.713	1.566	2.114	3.016
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		380.388								5910.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

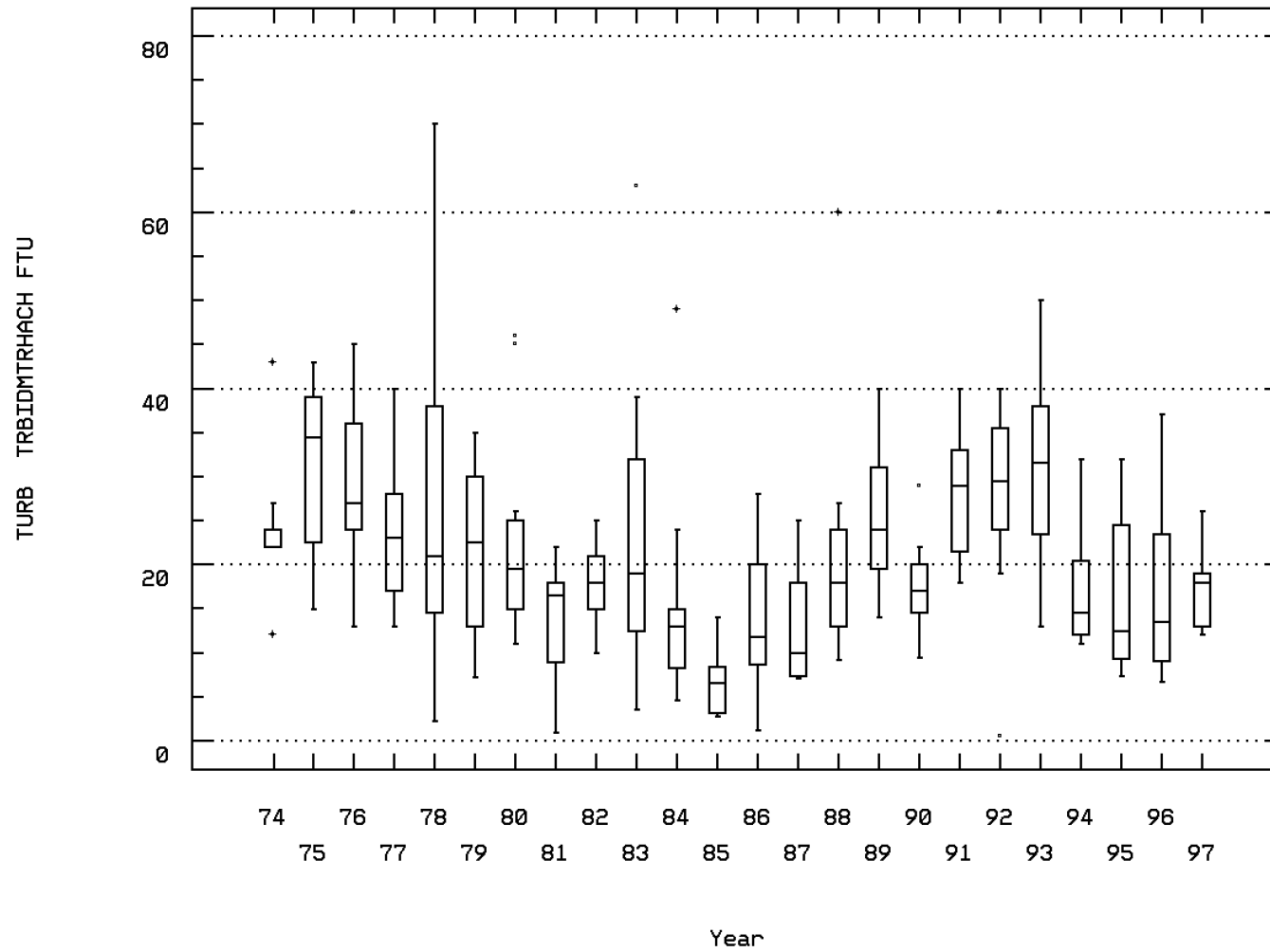
### Annual Analysis for 1997 - Station COSW0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	6	18.	15.967	23.5	5.	49.867	7.062	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	6	19.	17.5	27.	3.	73.9	8.597	**	**	**	**
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	7	18.	17.143	26.	12.	22.81	4.776	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	6	9.2	9.117	11.5	6.8	2.318	1.522	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	7	2.9	3.029	4.9	1.6	1.146	1.07	**	**	**	**
00400p PH (STANDARD UNITS)	03/01/71-06/11/97	6	6.335	6.368	7.29	5.56	0.693	0.833	**	**	**	**
00400p CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	6	5.924	5.899	7.29	5.56	0.958	0.979	**	**	**	**
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	6	1.192	1.262	2.754	0.051	1.71	1.308	**	**	**	**
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	7	6.	5.5	9.	0.5	6.75	2.598	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	6	17.	17.	30.	9.	57.6	7.589	**	**	**	**
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	7 ##	0.025	0.051	0.11	0.025	0.001	0.035	**	**	**	**
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	7	0.65	0.624	0.9	0.42	0.024	0.153	**	**	**	**
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	7	0.08	0.101	0.24	0.04	0.006	0.078	**	**	**	**
00665p PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	7	0.05	0.05	0.06	0.04	0.	0.008	**	**	**	**
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	7	160.	165.714	220.	110.	1561.905	39.521	**	**	**	**
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	7	2.204	2.208	2.342	2.041	0.011	0.107	**	**	**	**
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			161.578								
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0152 Parameter Code: 00076

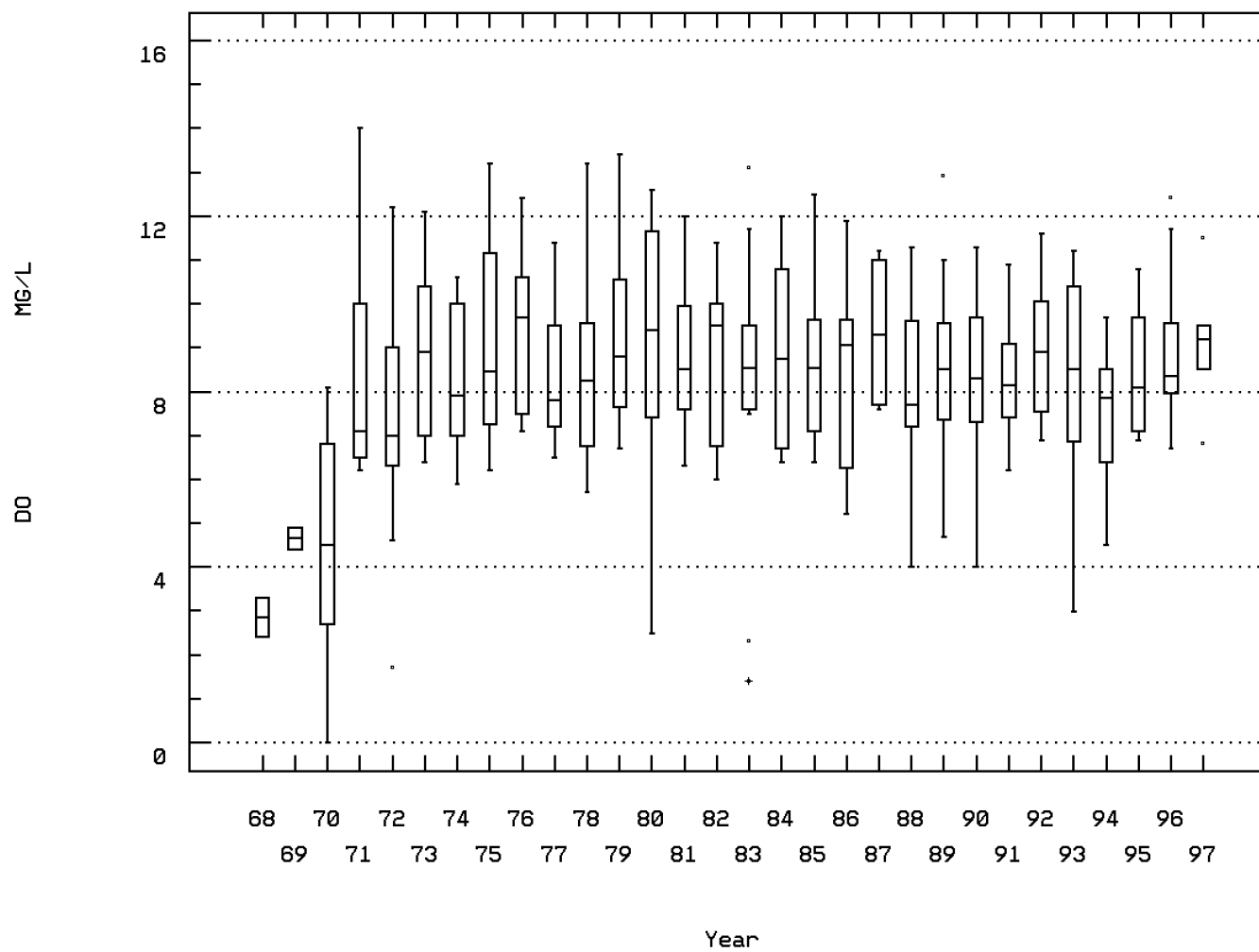
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00300

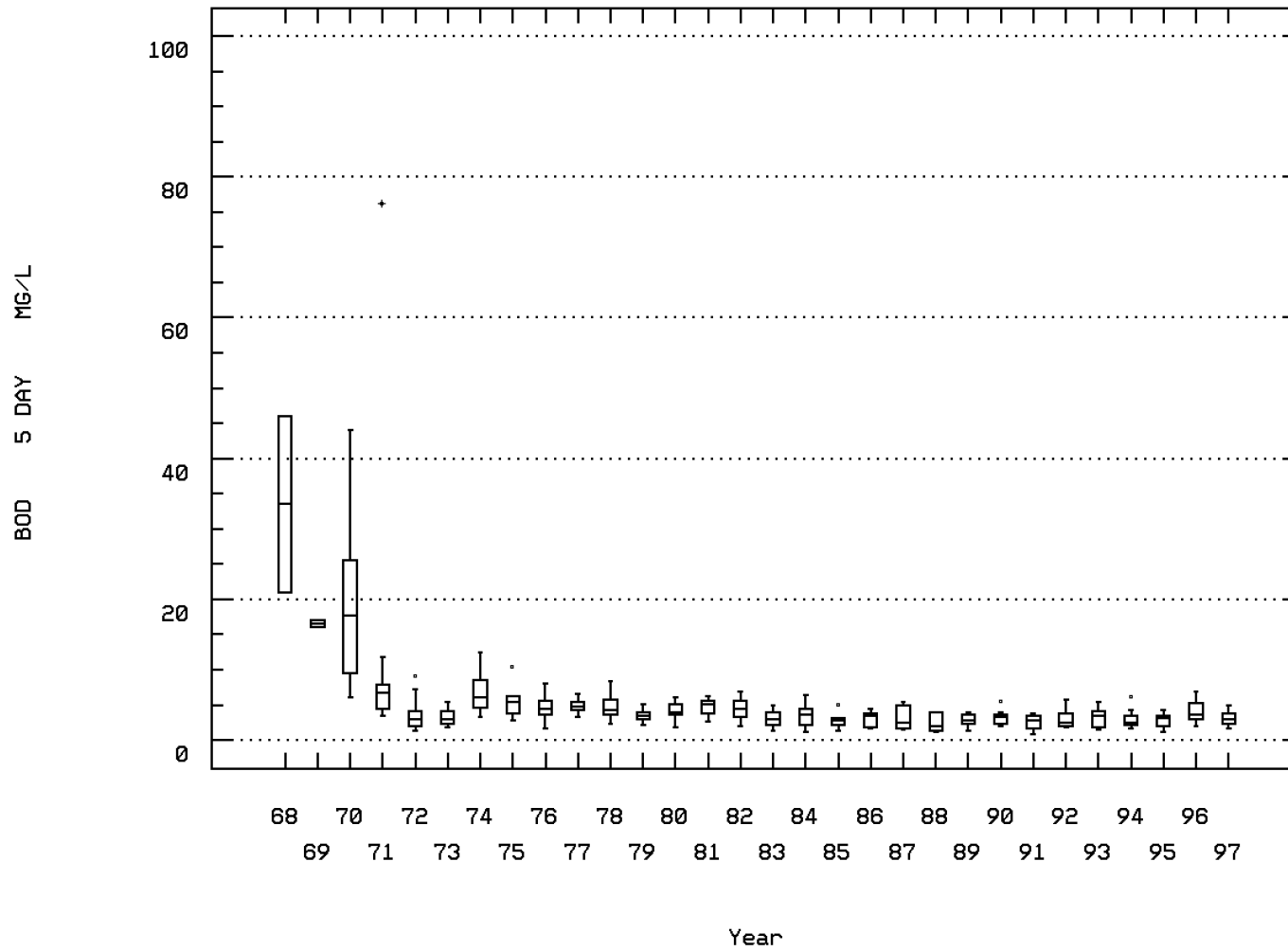
OXYGEN, DISSOLVED



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00310

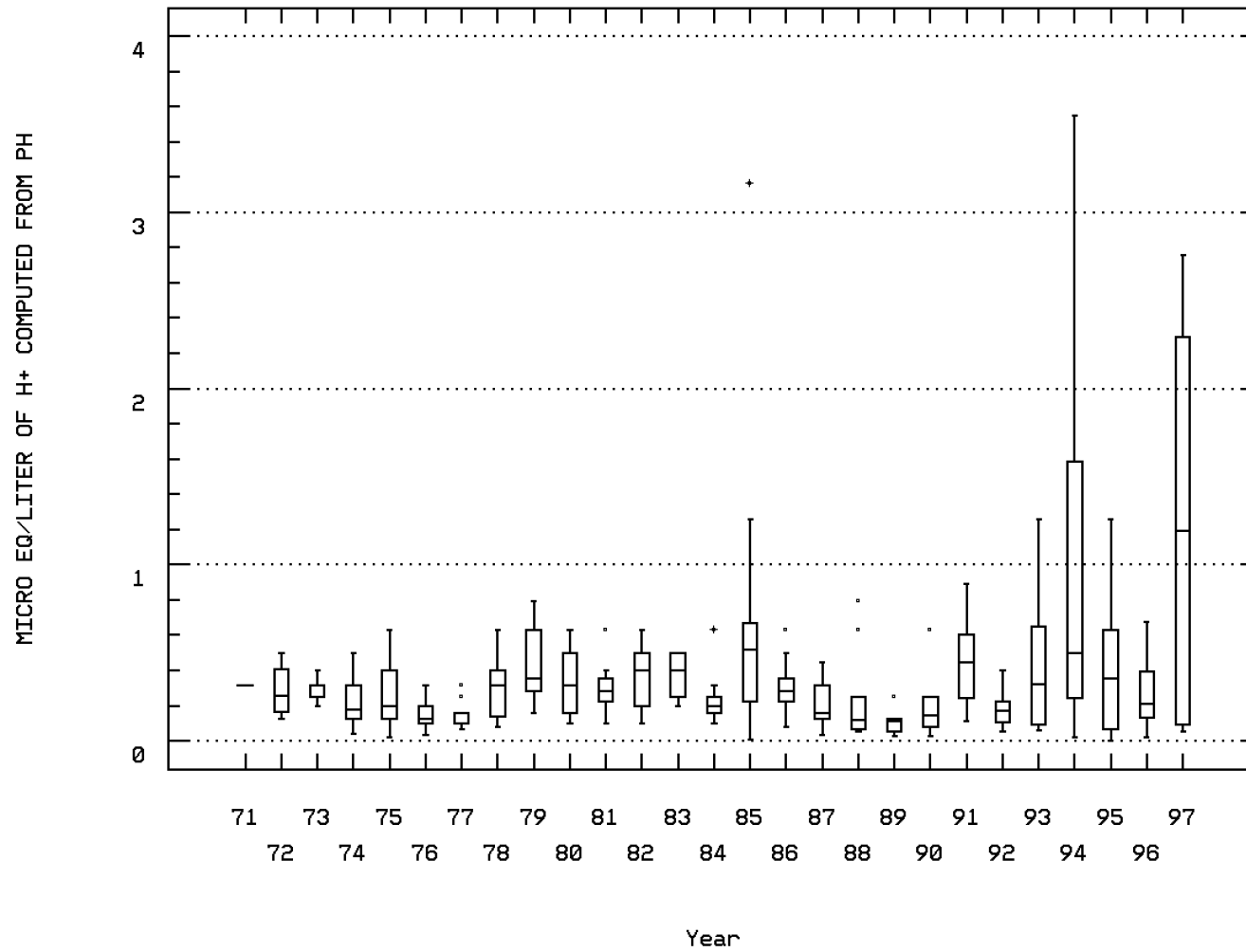
BOD, 5 DAY, 20 DEG C



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00400

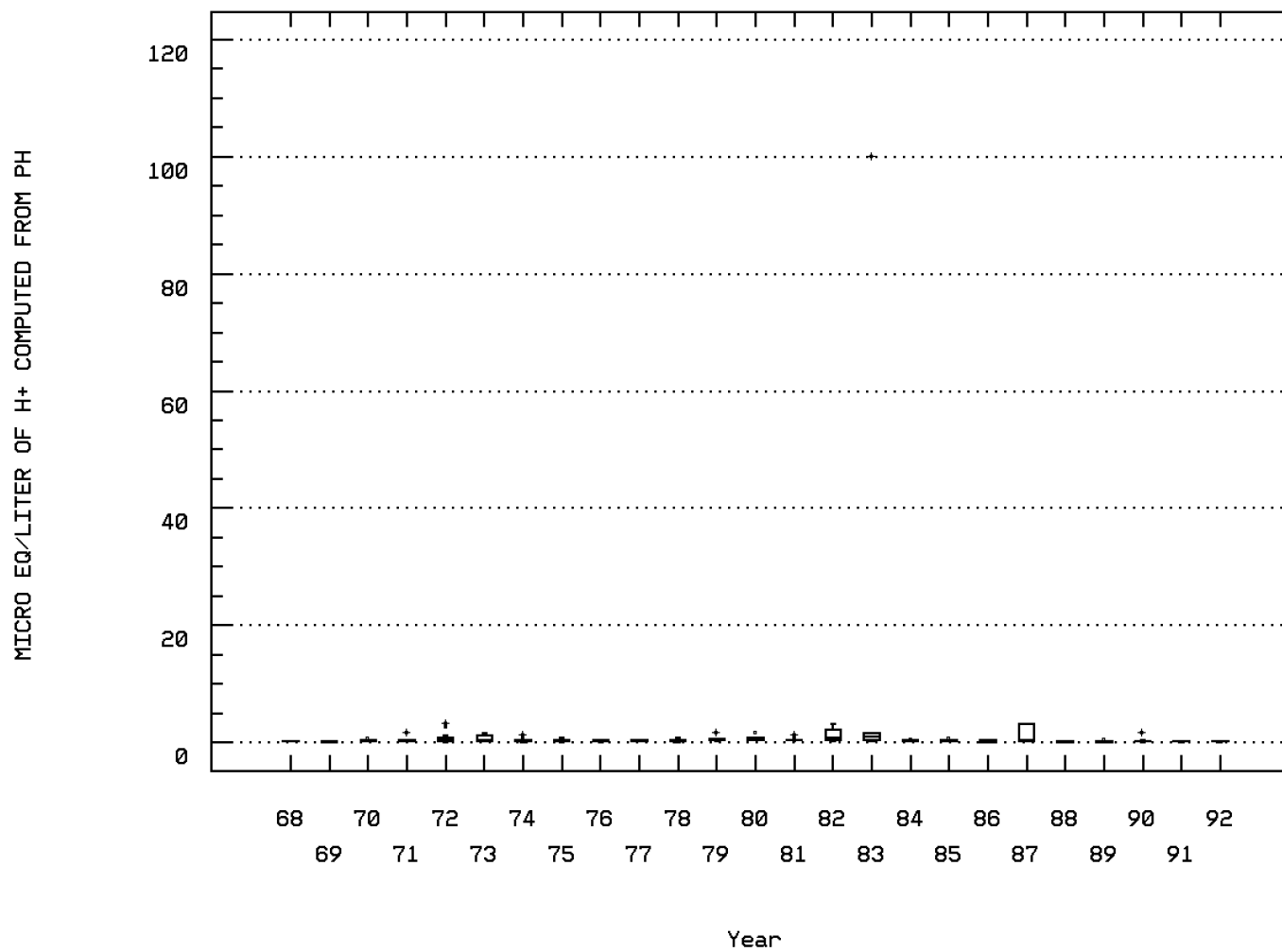
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00403

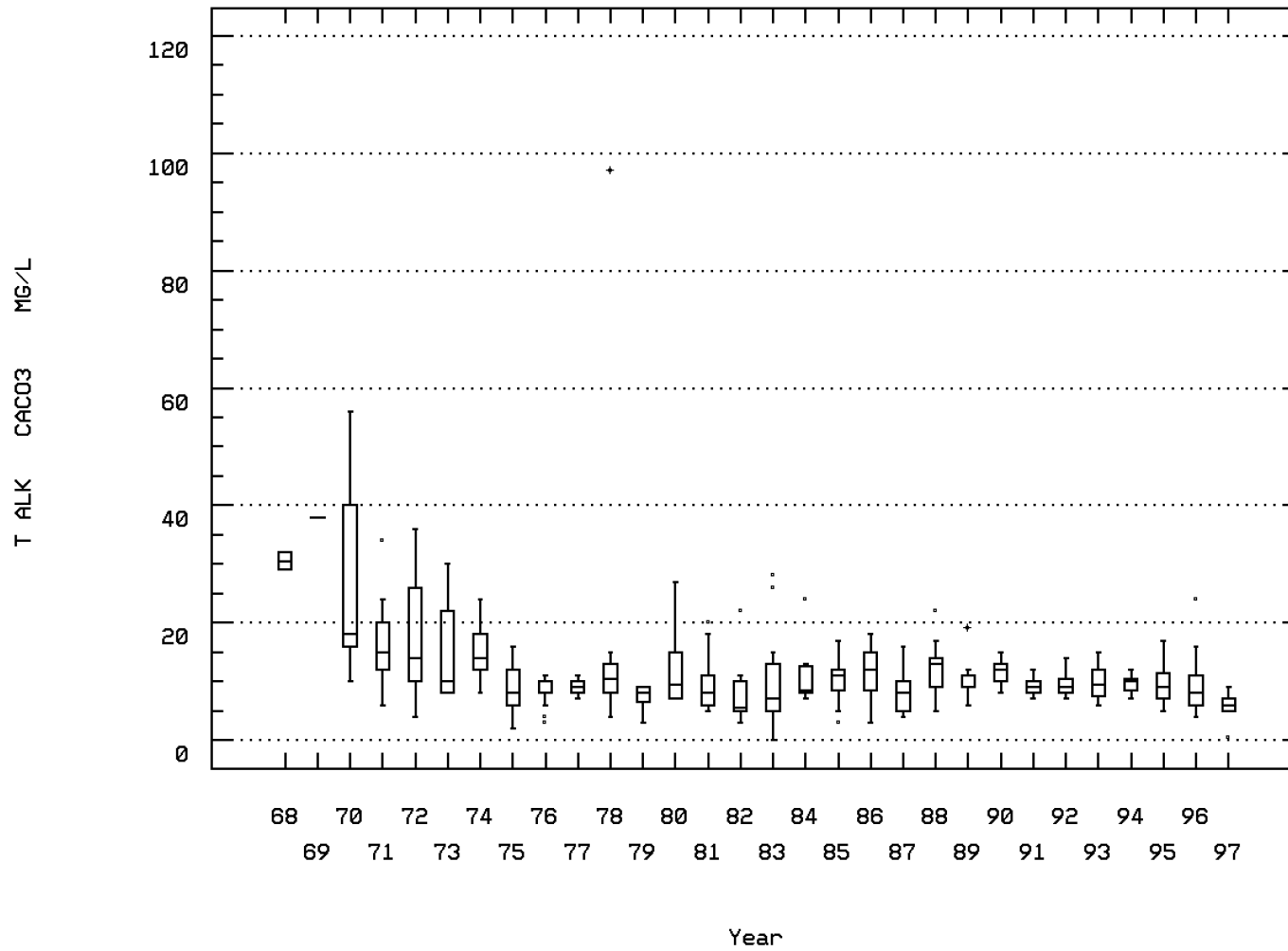
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CaCO3)

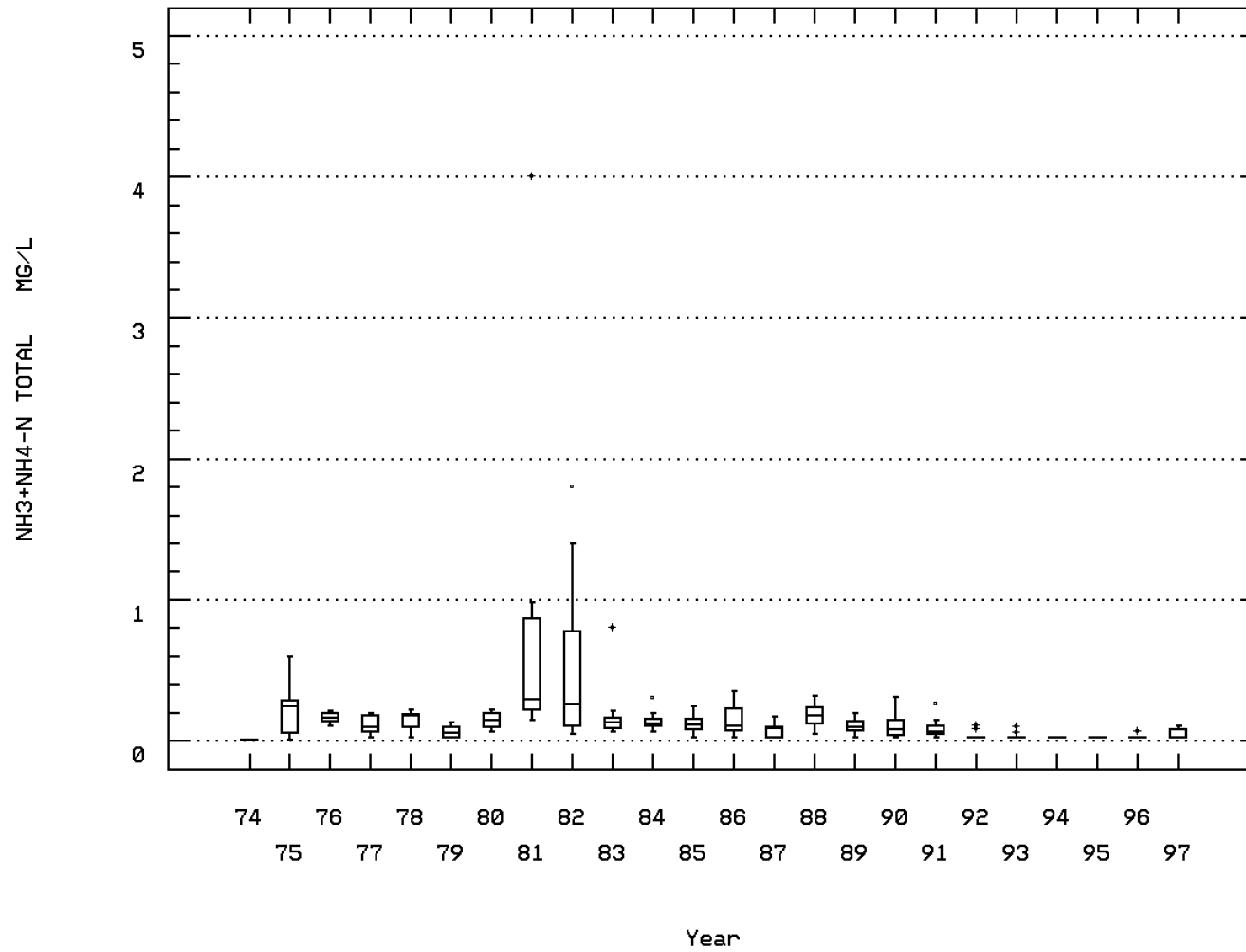


GILLS CK AT US 76



Station: COSW0152 Parameter Code: 00610

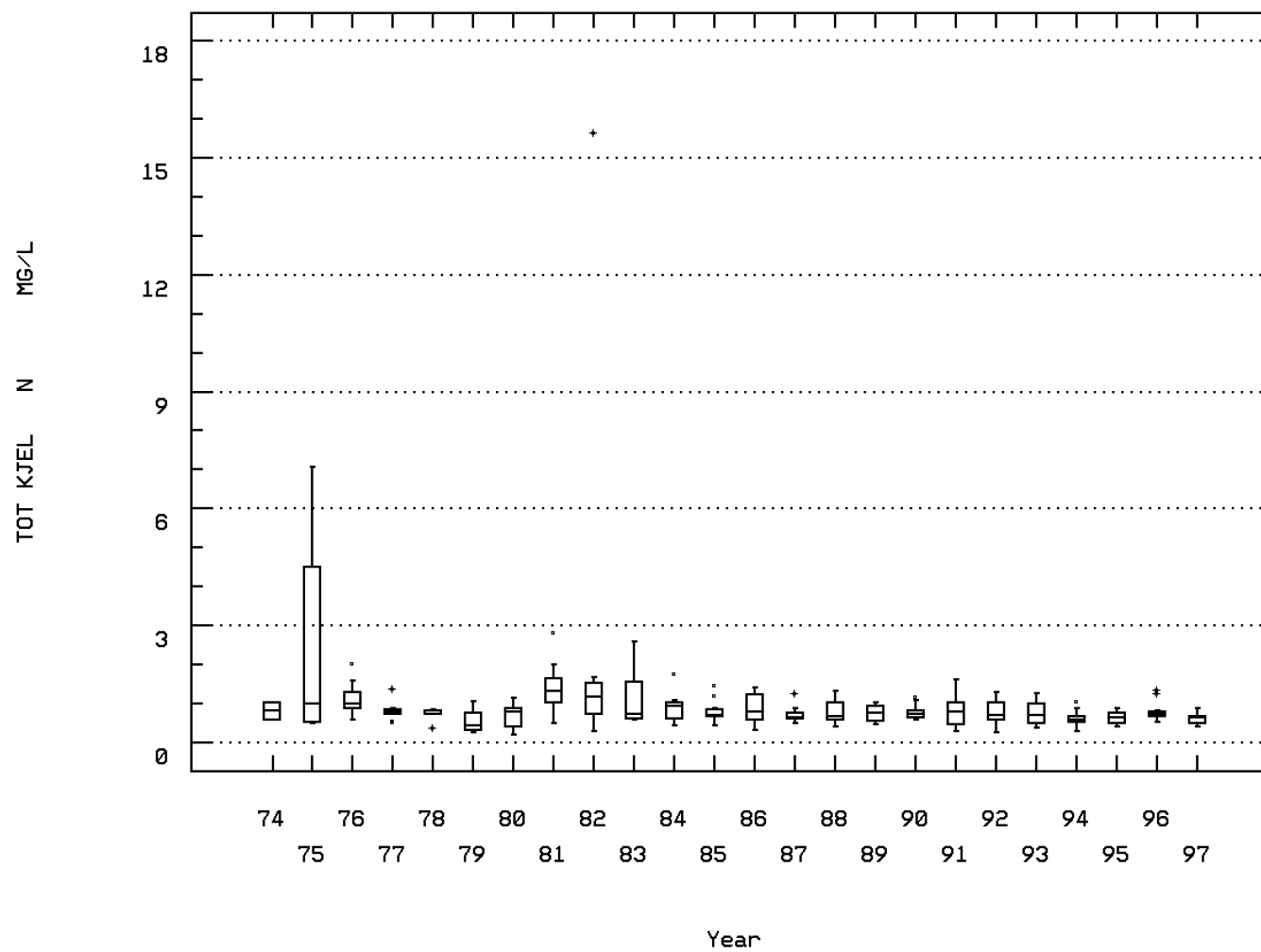
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00625

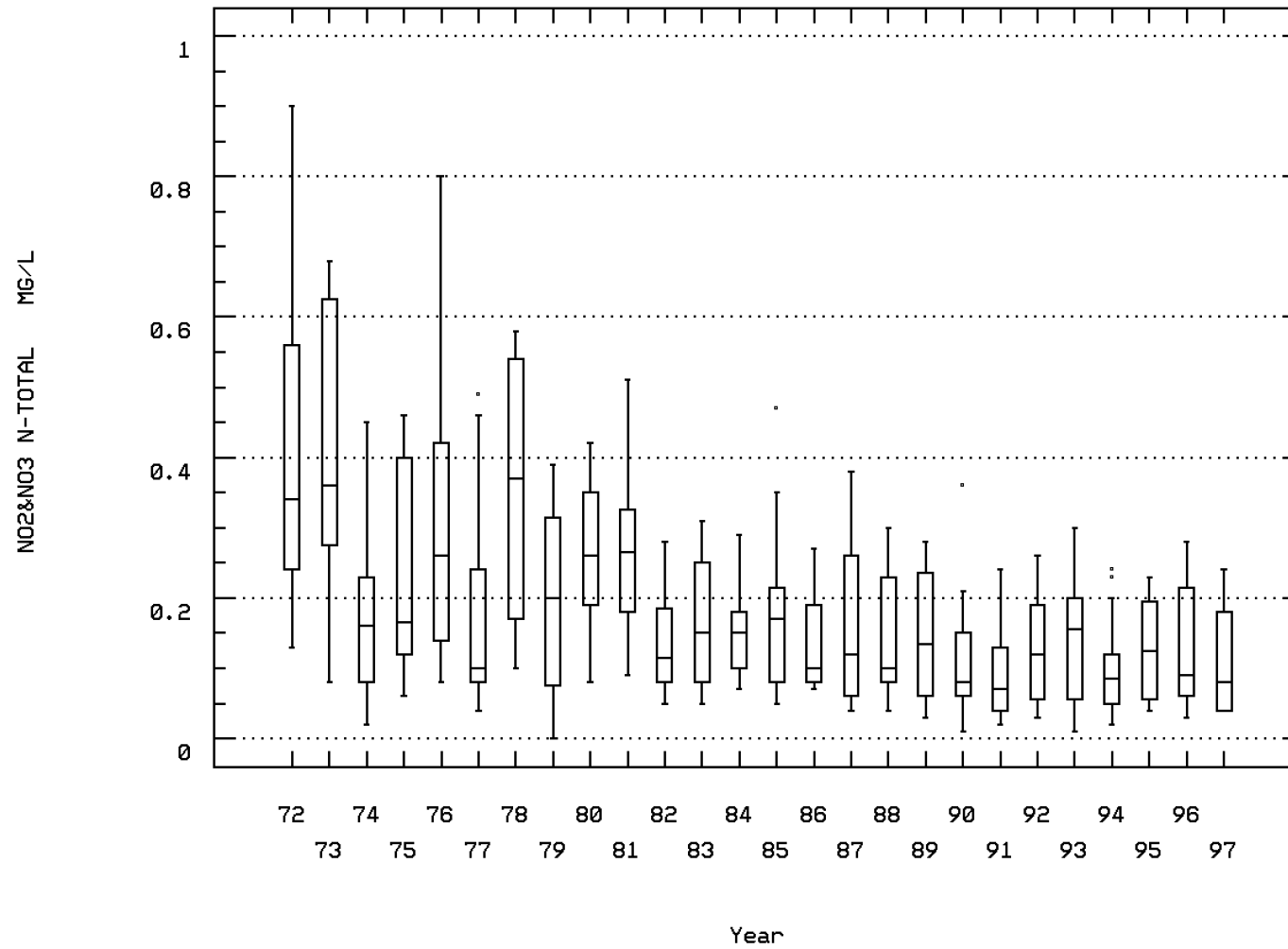
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00630

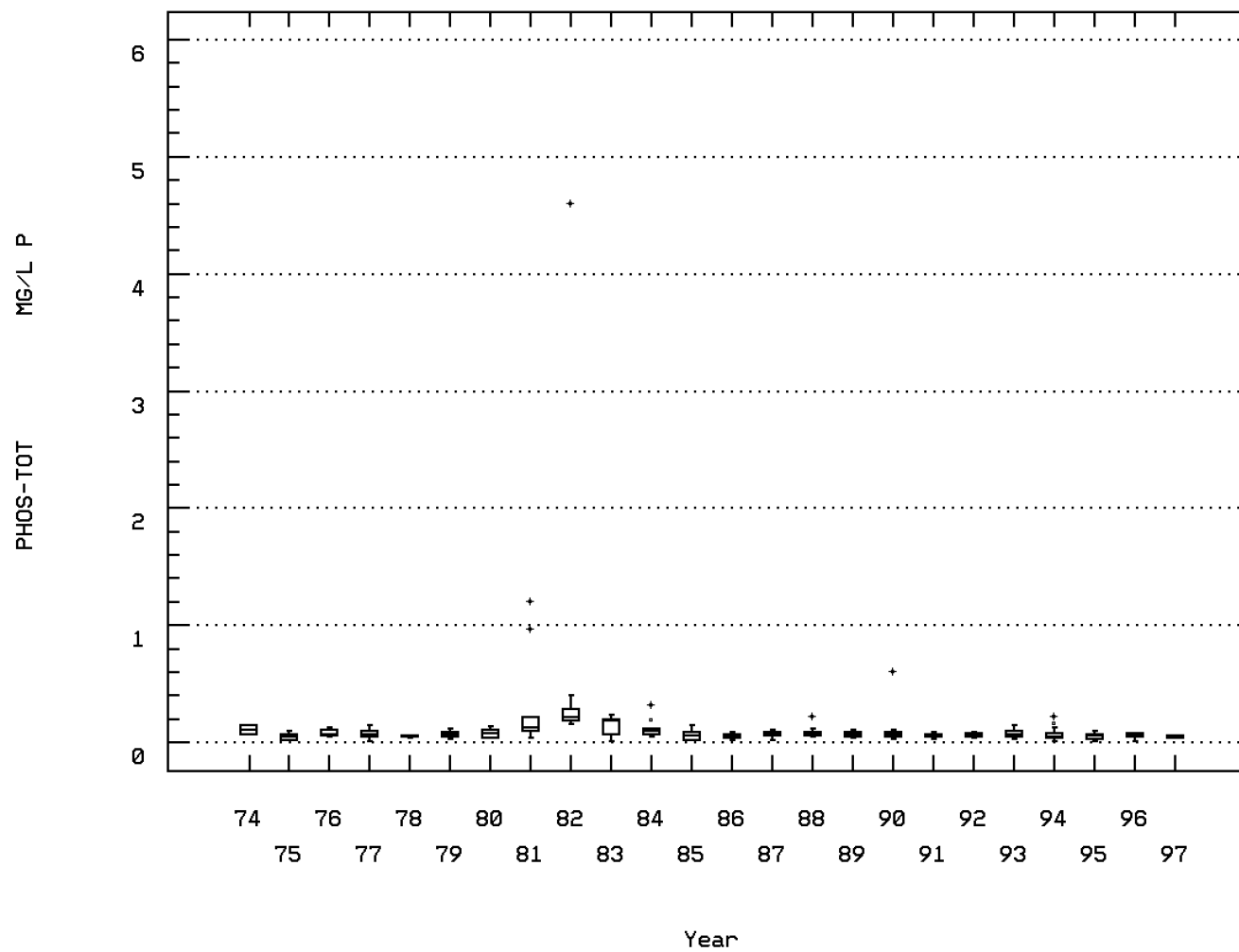
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00665

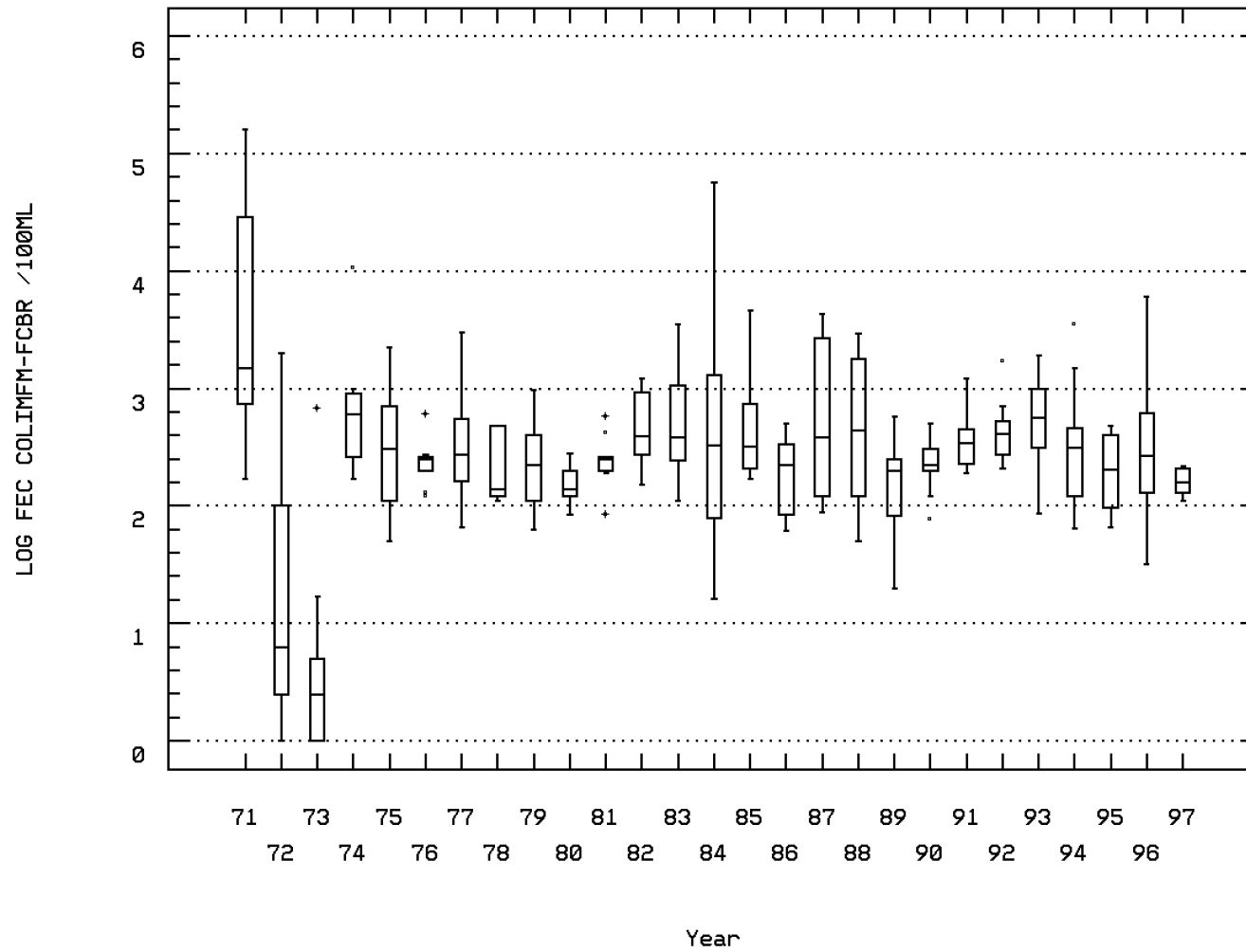
PHOSPHORUS, TOTAL (MG/L AS P)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 31616

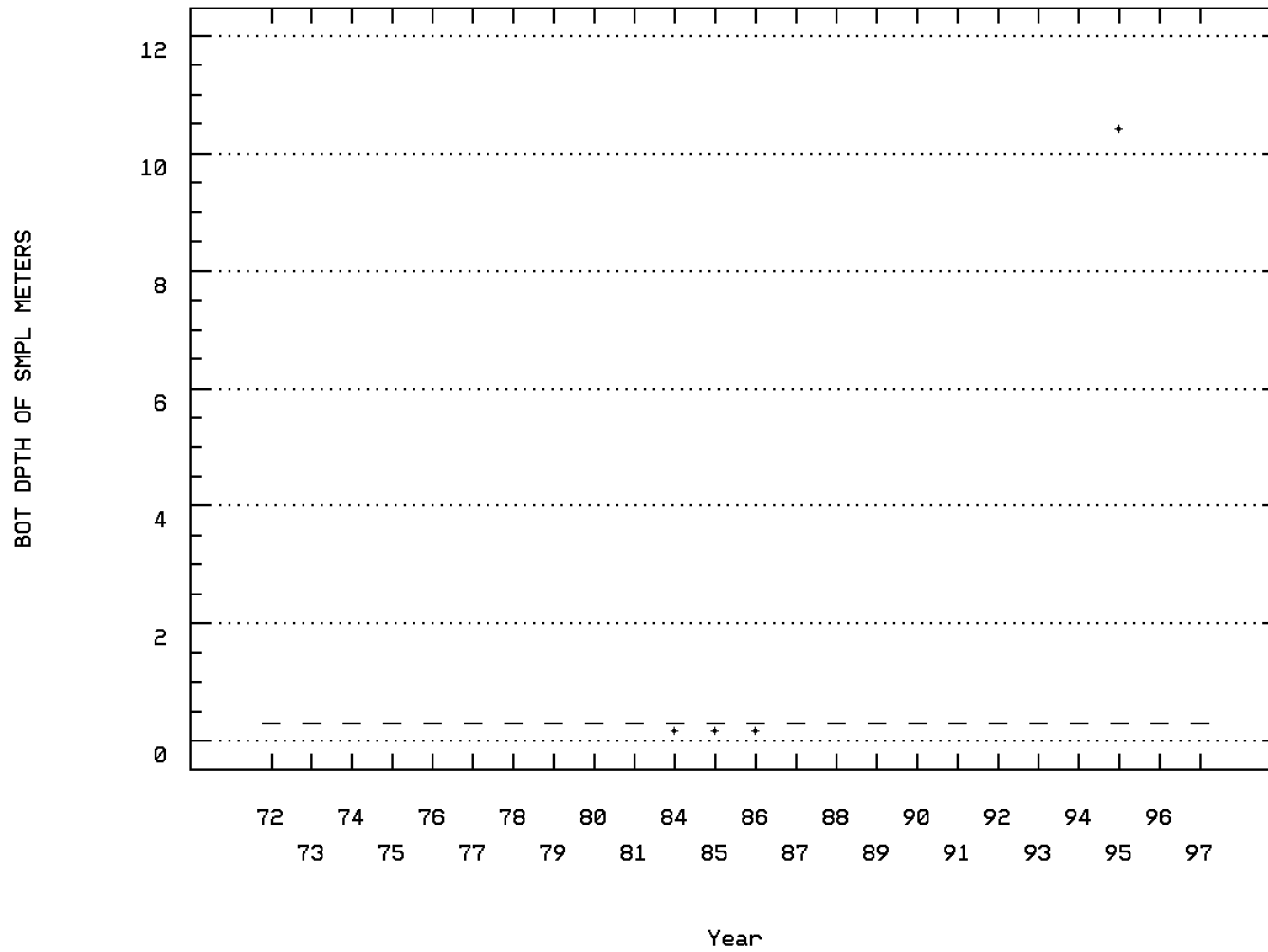
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 82048

DEPTH TO BOTTOM OF THE SAMPLING INTERVAL



GILLS CK AT US 76

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	136	25.	23.915	31.	13.	20.569	4.535	16.	21.	27.375	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	81	26.5	25.691	39.	10.	38.91	6.238	18.2	22.	30.	34.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	90	30.5	49.222	253.	3.	2836.489	53.259	12.	16.	56.	120.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	100	18.	19.907	50.	0.9	130.582	11.427	7.32	11.	26.75	37.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	26	92.5	102.308	280.	40.	3266.462	57.153	40.	61.25	130.	189.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	136	7.	6.871	10.2	0.	3.394	1.842	4.28	6.4	7.8	9.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	125	4.3	6.565	76.1	1.1	81.904	9.05	2.36	3.4	5.75	10.56
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	14	21.	23.107	47.	2.5	174.007	13.191	7.25	13.	34.5	46.5
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	115	6.54	6.533	7.45	5.5	0.152	0.39	6.03	6.3	6.8	7.04
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	115	6.54	6.341	7.45	5.5	0.189	0.435	6.03	6.3	6.8	7.04
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	115	0.288	0.456	3.162	0.035	0.325	0.57	0.092	0.158	0.501	0.935
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	104	6.6	6.536	7.1	5.5	0.108	0.329	6.1	6.325	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	104	6.6	6.377	7.1	5.5	0.133	0.365	6.1	6.325	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	104	0.251	0.42	3.162	0.079	0.291	0.54	0.126	0.158	0.475	0.794
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	123	11.	13.398	42.	2.	54.963	7.414	7.4	9.	15.	24.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	33	11.	16.424	51.	6.	118.564	10.889	7.	9.	21.5	32.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	99	0.07	0.159	4.	0.025	0.181	0.425	0.025	0.025	0.15	0.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	91	0.89	1.207	15.6	0.2	3.011	1.735	0.564	0.7	1.17	1.506
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	113	0.09	0.128	0.9	0.	0.017	0.13	0.04	0.06	0.16	0.236
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	97	0.07	0.149	4.6	0.01	0.227	0.477	0.029	0.05	0.105	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-05/06/97	29	8.9	9.697	23.	3.3	18.574	4.31	5.7	7.65	10.15	18.3
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/06/97	27 ##	5.	5.185	10.	5.	0.926	0.962	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/06/97	27 ##	25.	15.37	25.	5.	103.704	10.184	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/06/97	27 ##	25.	19.259	50.	5.	255.199	15.975	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/06/97	27	940.	1263.333	5000.	660.	745530.769	863.441	716.	800.	1400.	1900.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/06/97	27 ##	25.	27.778	50.	25.	64.103	8.006	25.	25.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/06/97	27	60.	82.037	500.	25.	8392.806	91.612	38.	50.	80.	126.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/06/97	27 ##	25.	21.481	50.	10.	195.798	13.993	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/06/97	27	50.	66.111	300.	5.	4733.333	68.799	5.	20.	100.	176.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	102	295.	3312.127	160000.	0.	29383563.295	17141.632	61.2	157.5	612.5	2560.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	102	2.469	2.488	5.204	0.	0.703	0.838	1.787	2.197	2.787	3.403
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =											
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/06/97	42 ##	0.1	0.285	2.5	0.1	0.18	0.424	0.1	0.1	0.25	0.77
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	94	0.3	0.298	0.3	0.15	0.	0.015	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	117	10.5	10.834	20.5	1.	16.475	4.059	5.	8.	14.	16.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	83	13.	12.934	30.	-3.	44.688	6.685	4.	8.	18.	21.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	87	83.	100.161	687.	8.	9485.23	97.392	31.	44.	113.	181.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	105	20.	23.699	70.	0.5	192.707	13.882	8.46	14.5	30.	41.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	19	70.	75.789	200.	5.	1739.62	41.709	40.	55.	85.	140.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	117	10.2	10.346	14.	6.1	2.161	1.47	8.6	9.5	11.4	12.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	119	2.5	2.903	9.8	0.9	2.327	1.525	1.5	1.8	3.5	4.5
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	19	16.	15.526	32.	2.5	61.124	7.818	2.5	11.	18.	30.
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	110	6.7	6.704	8.54	5.45	0.234	0.483	6.173	6.4	7.	7.281
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	110	6.7	6.452	8.54	5.45	0.298	0.546	6.173	6.4	7.	7.281
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	110	0.2	0.353	3.548	0.003	0.295	0.544	0.052	0.1	0.398	0.672
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	96	6.5	6.4	7.4	5.5	0.134	0.366	5.9	6.125	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	96	6.5	6.237	7.4	5.5	0.161	0.401	5.9	6.125	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	96	0.316	0.58	3.162	0.04	0.368	0.606	0.158	0.2	0.753	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	118	8.	9.178	36.	3.	30.25	5.5	5.	6.	10.	16.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	23	16.	18.391	31.	9.	55.613	7.457	9.4	12.	26.	30.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	103	0.11	0.147	1.8	0.01	0.049	0.222	0.025	0.05	0.18	0.236

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	102	0.645	0.709	2.8	0.27	0.12	0.346	0.413	0.508	0.785	1.034
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	115	0.24	0.279	0.86	0.05	0.025	0.157	0.12	0.18	0.34	0.504
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	100	0.06	0.076	0.32	0.01	0.003	0.056	0.03	0.04	0.09	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-05/06/97	36	5.75	7.972	45.9	2.2	60.88	7.803	2.9	4.7	7.7	14.51
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/06/97	32 ##	5.	5.156	10.	5.	0.781	0.884	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/06/97	32 ##	25.	21.094	100.	5.	354.41	18.826	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/06/97	32 ##	25.	22.5	50.	5.	258.065	16.064	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/06/97	32	900.	887.813	1300.	330.	48520.867	220.275	600.	700.	1100.	1100.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/06/97	32 ##	25.	31.094	120.	25.	454.41	21.317	25.	25.	25.	42.5
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/06/97	32	40.	41.875	130.	25.	509.274	22.567	25.	25.	50.	67.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/06/97	32 ##	25.	24.063	50.	10.	207.157	14.393	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/06/97	32	27.5	78.438	660.	5.	15721.673	125.386	10.	21.25	80.	200.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	94	195.	470.032	10700.	1.	1449915.359	1204.124	41.	91.25	382.5	940.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	02/10/71-08/19/97	94	2.29	2.227	4.029	0.	0.458	0.677	1.602	1.96	2.583	2.972
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			168.759								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/06/97	46 ##	0.1	0.322	2.4	0.04	0.262	0.511	0.1	0.1	0.25	0.95
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	97	0.3	0.403	10.4	0.15	1.052	1.026	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0152

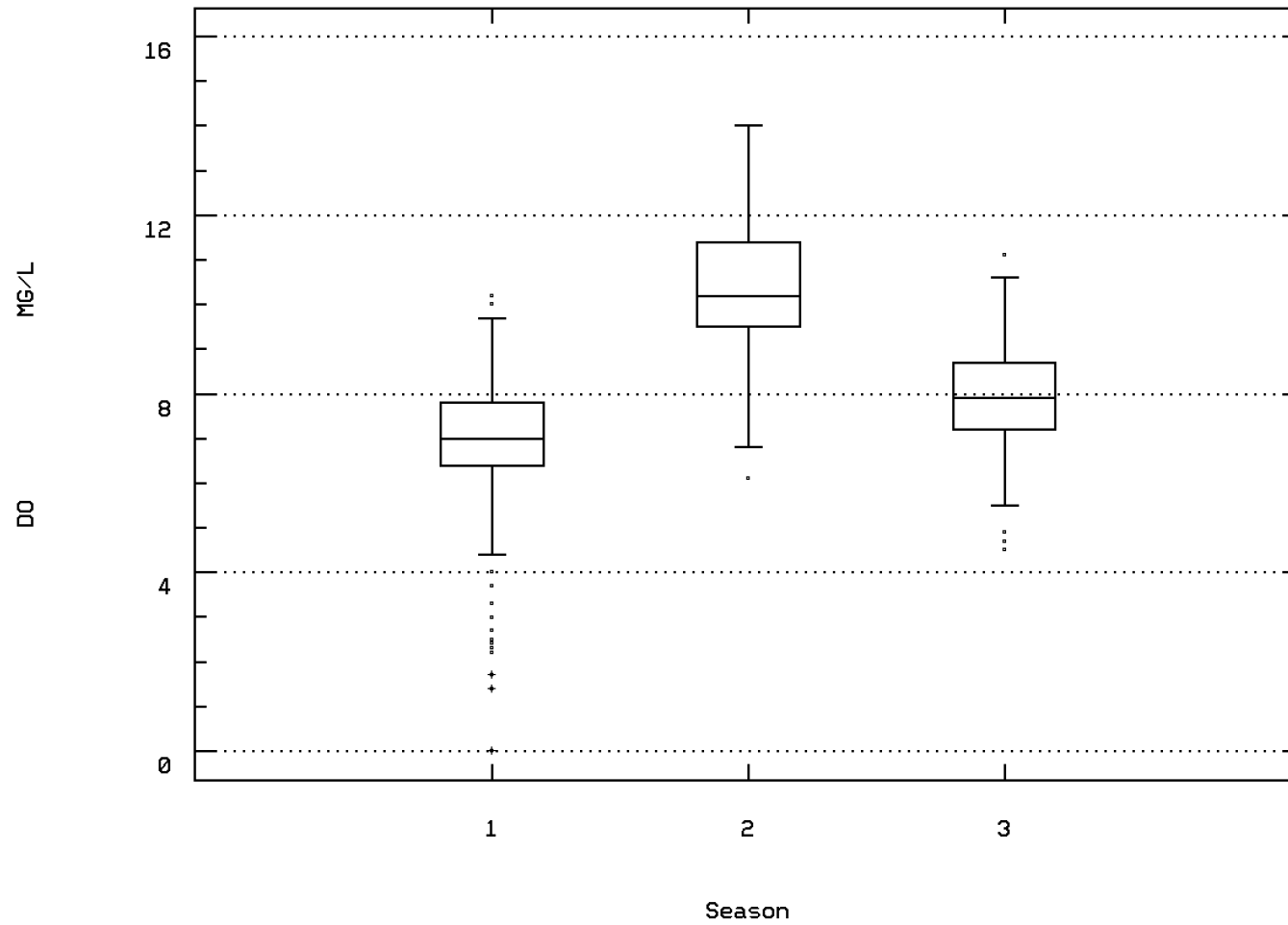
Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/11/97	86	23.	22.3	28.5	12.5	17.053	4.13	15.5	20.	25.5	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/13/79-06/11/97	55	24.	23.327	35.	8.	39.085	6.252	14.3	19.	27.	32.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-09/28/94	61	34.	50.098	241.	4.	1946.723	44.122	16.2	20.5	67.5	95.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/22/97	70	18.	19.32	45.	5.7	74.286	8.619	8.12	13.75	24.	32.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	22	70.	85.682	150.	50.	1157.846	34.027	51.5	55.	120.	140.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/11/97	86	7.9	7.935	11.1	4.5	1.632	1.278	6.44	7.2	8.7	9.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/22/97	87	4.	4.486	23.	1.	8.623	2.936	2.38	3.	5.3	6.3
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	10	23.	21.15	37.	2.5	123.781	11.126	2.85	10.5	29.5	36.4
00400p	PH (STANDARD UNITS)	03/01/71-06/11/97	74	6.65	6.67	7.75	5.64	0.199	0.446	6.2	6.337	7.	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/01/71-06/11/97	74	6.65	6.463	7.75	5.64	0.242	0.492	6.2	6.337	7.	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/01/71-06/11/97	74	0.224	0.345	2.291	0.018	0.162	0.402	0.05	0.1	0.46	0.631
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	71	6.6	6.539	8.2	4.	0.282	0.531	5.9	6.3	6.8	7.08
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	71	6.6	5.736	8.2	4.	0.938	0.968	5.9	6.3	6.8	7.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	71	0.251	1.838	100.	0.006	139.912	11.828	0.084	0.158	0.501	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/22/97	85	10.	12.253	97.	0.	140.307	11.845	6.	8.	12.	18.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/80-07/22/97	16	20.	25.875	120.	9.	672.917	25.941	9.7	16.	25.75	59.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-07/22/97	61	0.06	0.109	0.87	0.025	0.022	0.148	0.025	0.025	0.125	0.242
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-07/22/97	62	0.765	0.868	2.4	0.27	0.158	0.397	0.433	0.627	1.048	1.374
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/72-07/22/97	77	0.09	0.136	0.64	0.01	0.014	0.118	0.04	0.06	0.155	0.298
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-07/22/97	62	0.075	0.101	0.96	0.01	0.015	0.124	0.033	0.05	0.103	0.214
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-05/06/97	21	7.4	8.1	14.9	5.1	8.204	2.864	5.4	5.95	8.75	13.76
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/06/97	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/06/97	21 ##	25.	15.714	25.	5.	100.714	10.036	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/06/97	21 ##	25.	20.476	50.	5.	227.262	15.075	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/06/97	21	1100.	1219.524	3200.	250.	342614.762	585.333	800.	890.	1500.	1920.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/06/97	21 ##	25.	30.952	80.	25.	246.548	15.702	25.	25.	25.	66.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/06/97	21	70.	74.048	150.	25.	1029.048	32.079	40.	50.	90.	128.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/06/97	21 ##	25.	29.286	100.	10.	738.214	27.17	10.	10.	37.5	90.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/06/97	21	40.	49.286	120.	5.	1113.214	33.365	20.	22.5	75.	100.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	68	285.	531.919	3500.	0.	515953.811	718.299	75.7	152.5	565.	1520.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/10/71-08/19/97	68	2.455	2.388	3.544	0.	0.465	0.682	1.878	2.183	2.752	3.182
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			244.595								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/06/97	30 ##	0.1	0.265	2.4	0.08	0.233	0.482	0.1	0.1	0.213	0.745
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/11/97	66	0.3	0.295	0.3	0.15	0.001	0.026	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



Station: COSW0152 Parameter Code: 00300

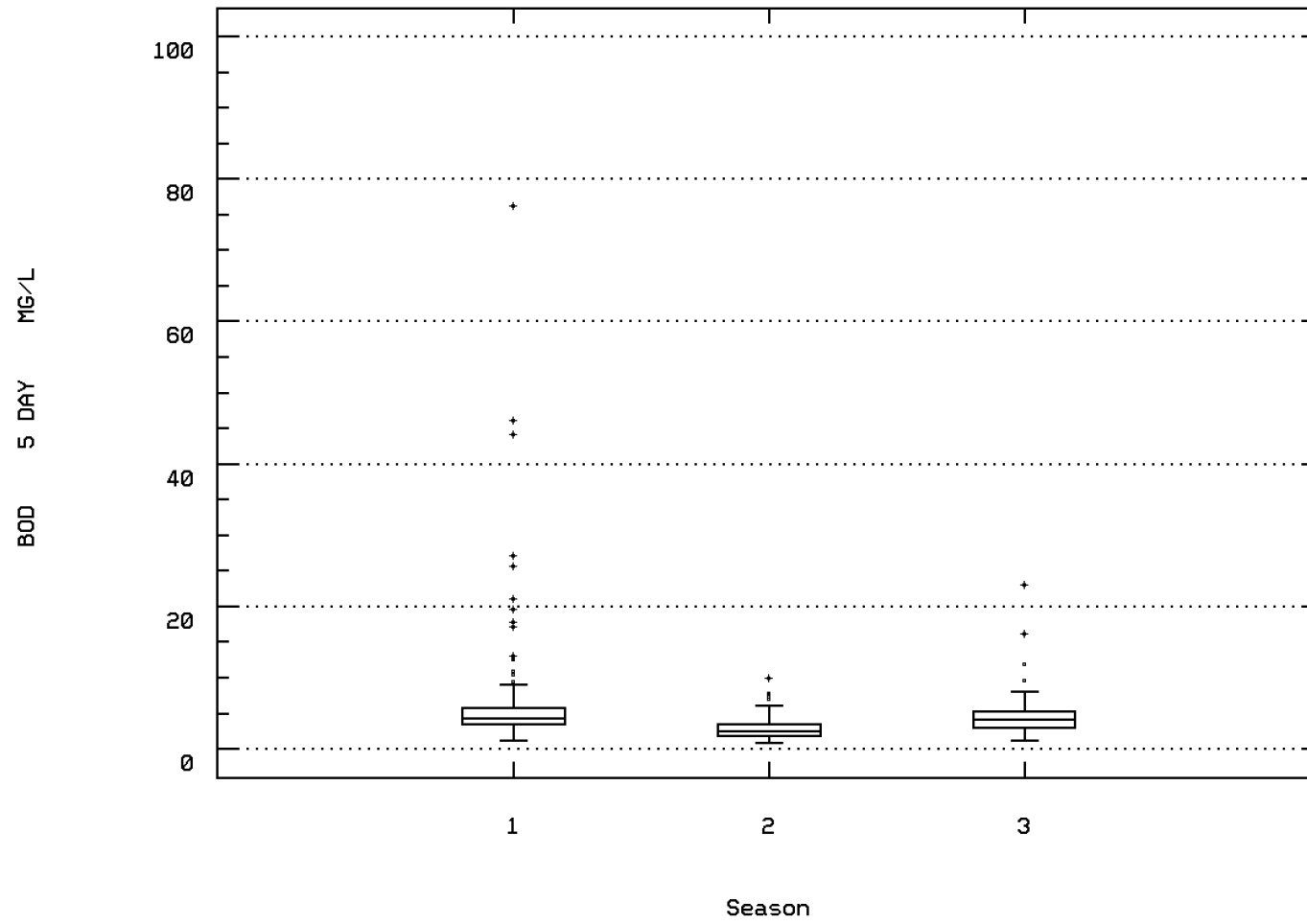
OXYGEN, DISSOLVED



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00310

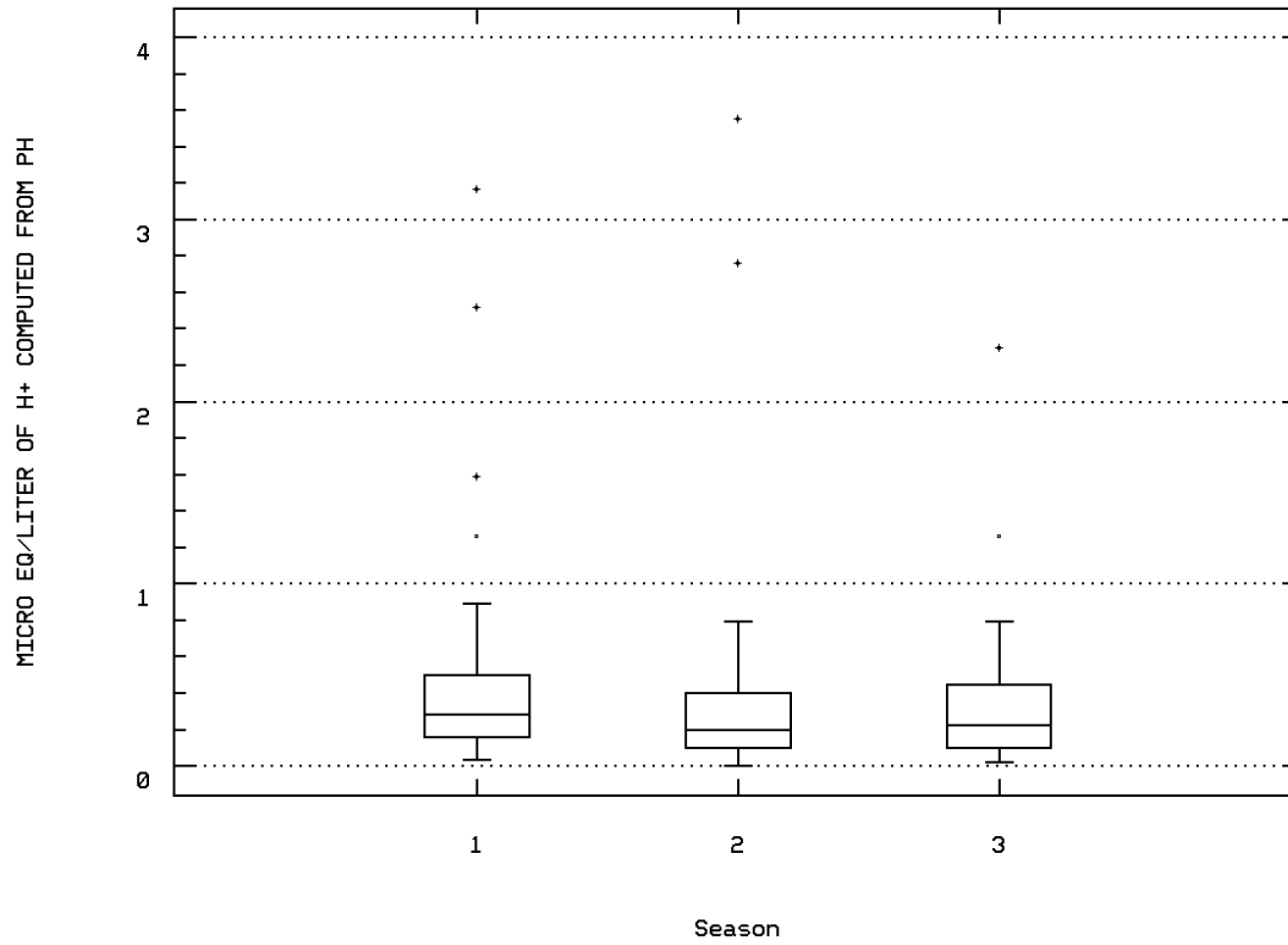
BOD, 5 DAY, 20 DEG C



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00400

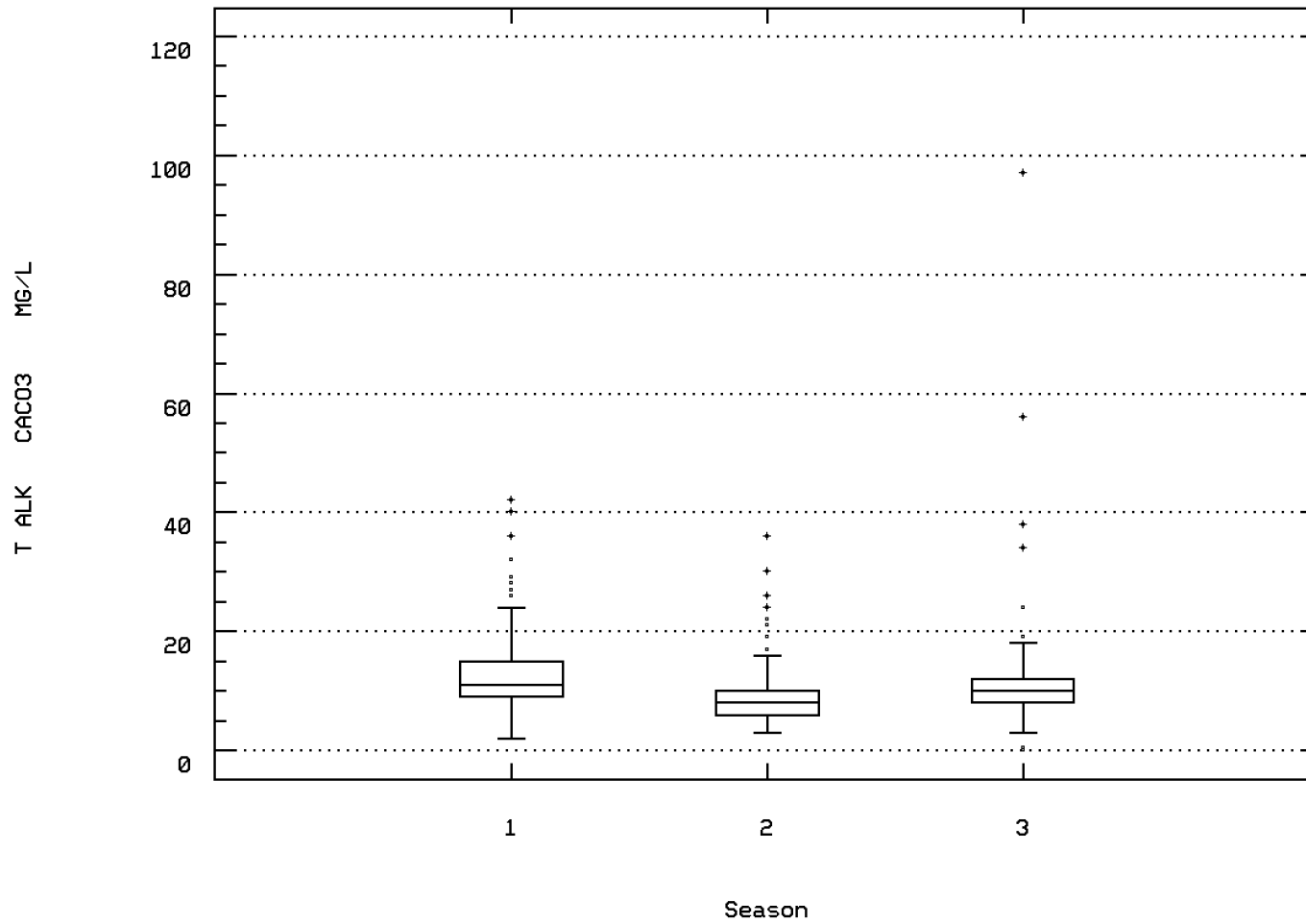
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00410

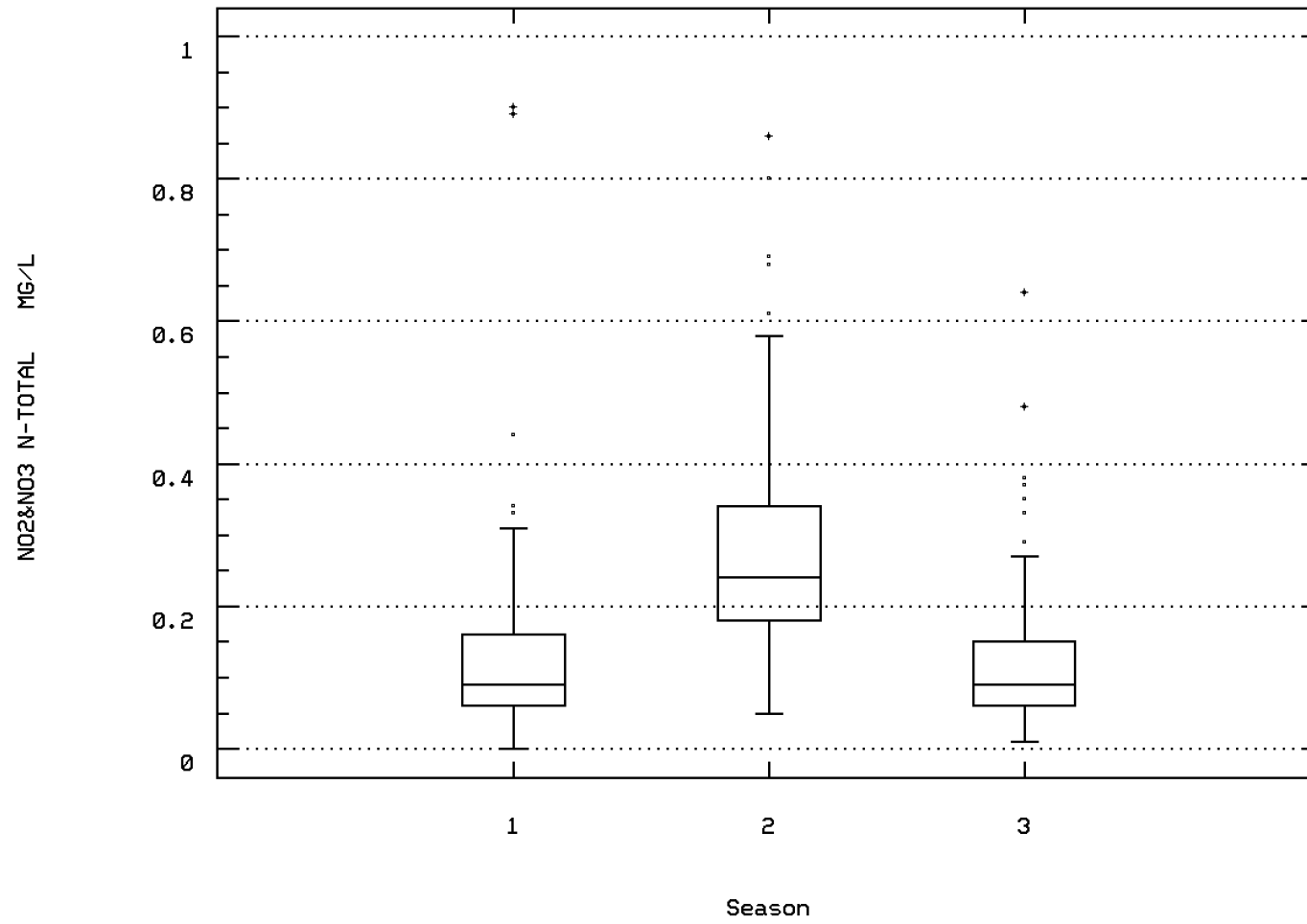
ALKALINITY, TOTAL (MG/L AS CaCO3)



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 00630

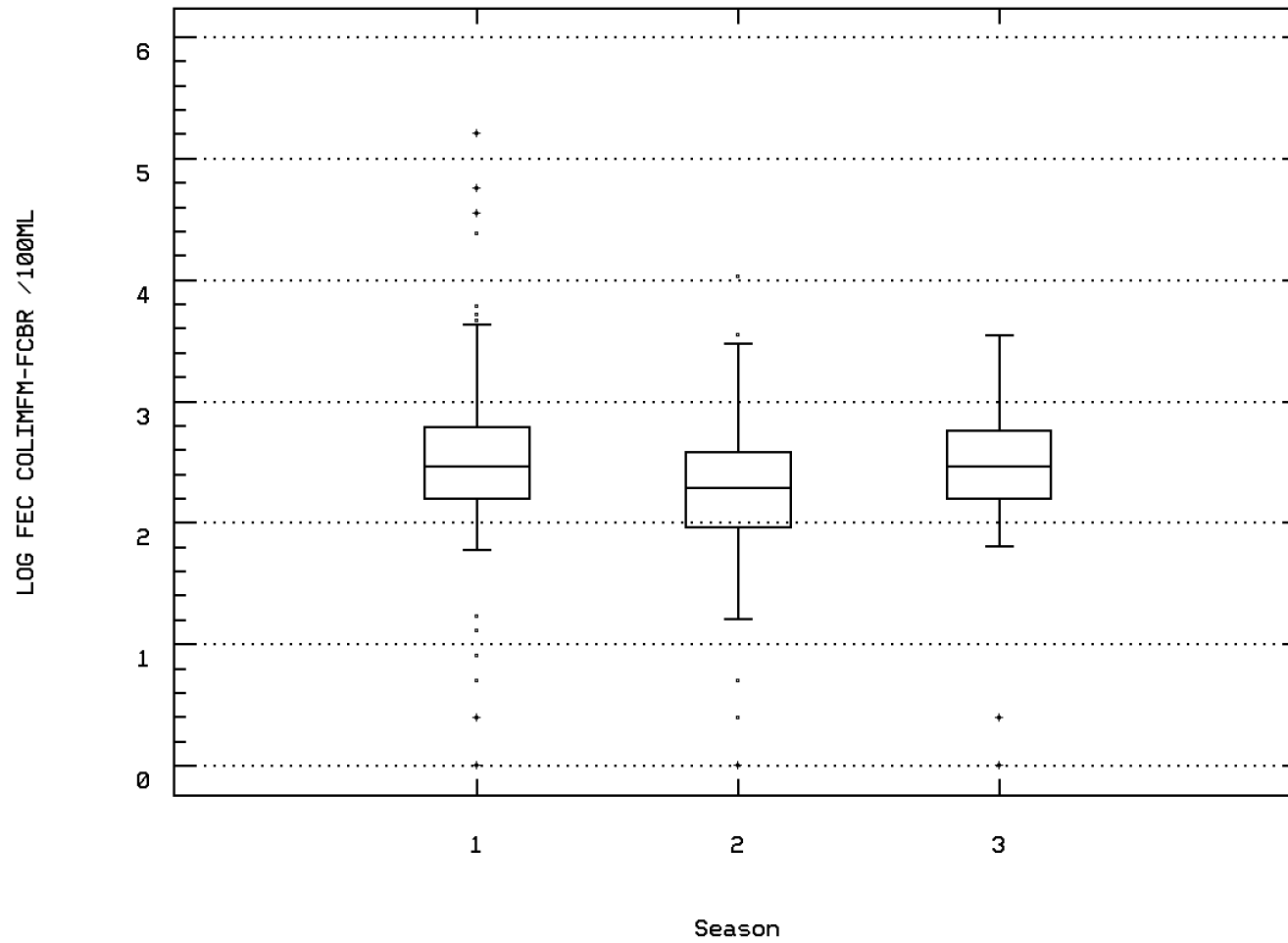
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 31616

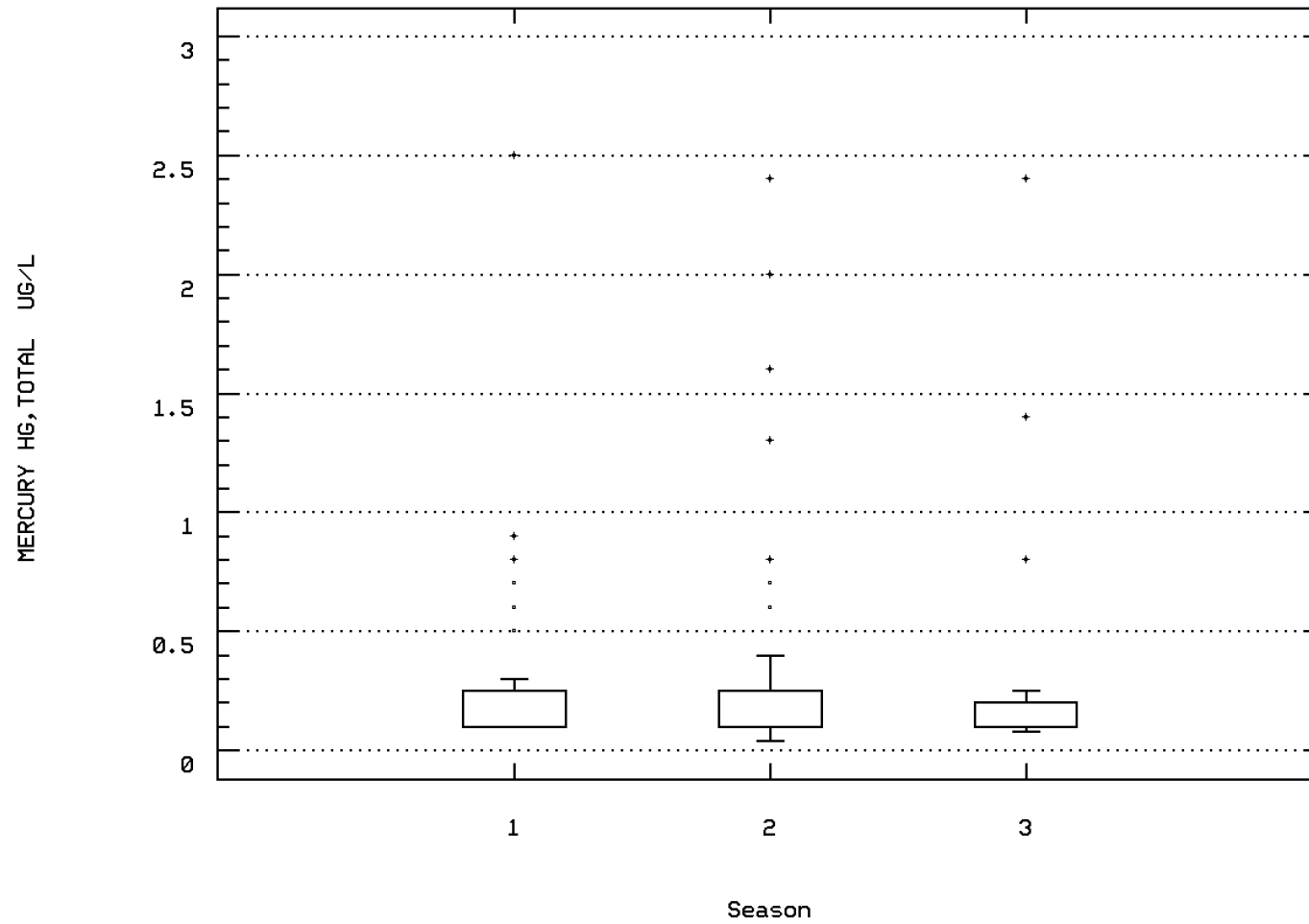
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



GILLS CK AT US 76

Station: COSW0152 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



GILLS CK AT US 76

Station Inventory for Station: COSW0153

NPS Station ID: COSW0153  
Location: GILLS CK UPSTRM SIDE BRDG HW76  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110024  
RF3 Index: 03050110002409.38  
Description:

LAT/LON: 33.990281/ -80.973059  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 8.540  
RF3 Mile Point: 9.38

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-6  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.00

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												



## Station Inventory for Station: COSW0154

NPS Station ID: COSW0154  
 Location: GILLS CREEK AT COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050110003000.00  
 Description:

LAT/LON: 33.989448/ -80.974448

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.68

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169570  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.02

On/Off RF1:  
 On/Off RF3:

### Parameter Inventory for Station: COSW0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-03/03/97	71	19.	18.955	30.	4.	55.235	7.432	9.5	12.	26.5	28.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/10/95-03/03/97	54	20.5	20.537	31.	3.	50.574	7.112	11.25	14.875	27.5	29.75
00025 BAROMETRIC PRESSURE (MM OF HG)	10/10/95-03/03/97	54	761.	761.185	779.	747.	39.173	6.259	753.5	758.	765.	770.
00060 FLOW, STREAM, MEAN DAILY CFS	12/08/71-09/21/72	7	83.	100.857	178.	51.	2375.476	48.739	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-09/24/96	48	46.5	141.313	1271.	15.	59893.496	244.731	16.9	25.25	156.25	469.2
00065 STAGE, STREAM (FEET)	10/10/95-03/03/97	54	1.77	2.18	7.24	1.16	1.592	1.262	1.25	1.425	2.41	3.25
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-03/03/97	71	44.	51.169	190.	33.	614.542	24.79	38.	40.	51.	70.
00300 OXYGEN, DISSOLVED MG/L	12/08/71-03/03/97	71	8.3	9.256	55.	4.6	34.177	5.846	6.02	6.9	10.3	11.44
00400 PH (STANDARD UNITS)	12/08/71-03/03/97	71	6.5	6.508	7.2	5.7	0.085	0.292	6.1	6.4	6.7	6.9
00400 CONVERTED PH (STANDARD UNITS)	12/08/71-03/03/97	71	6.5	6.404	7.2	5.7	0.096	0.31	6.1	6.4	6.7	6.9
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/71-03/03/97	71	0.316	0.395	1.995	0.063	0.11	0.331	0.126	0.2	0.398	0.794
00403 PH, LAB, STANDARD UNITS SU	10/10/95-03/03/97	53	7.1	7.013	7.6	6.4	0.12	0.346	6.54	6.7	7.3	7.5
00403 CONVERTED PH, LAB, STANDARD UNITS	10/10/95-03/03/97	53	7.1	6.881	7.6	6.4	0.138	0.371	6.54	6.7	7.3	7.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/95-03/03/97	53	0.079	0.132	0.398	0.025	0.011	0.106	0.032	0.05	0.2	0.29
00453 BICARBONATE, WATER, DISS. INCR TIT. FIELD, AS HCO3, MG/L	10/10/95-03/03/97	54	10.	10.537	22.	5.	9.008	3.001	7.	9.	12.	14.
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	53	0.04	0.047	0.17	0.008	0.001	0.032	0.02	0.02	0.06	0.09
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	53 ##	0.005	0.008	0.03	0.005	0.	0.005	0.005	0.005	0.01	0.02
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/10/95-03/03/97	53	0.3	0.266	0.7	0.1	0.011	0.104	0.1	0.2	0.3	0.36
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/95-03/03/97	53	0.6	0.6	1.5	0.1	0.045	0.211	0.4	0.5	0.7	0.8
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	10/10/95-03/03/97	53	0.1	0.129	0.4	0.025	0.006	0.078	0.054	0.075	0.2	0.2
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/10/95-03/03/97	53	0.04	0.05	0.27	0.005	0.002	0.041	0.01	0.03	0.06	0.086
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/10/95-03/03/97	54 ##	0.008	0.014	0.06	0.005	0.	0.013	0.005	0.005	0.02	0.03
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/10/95-03/03/97	54 ##	0.005	0.007	0.04	0.005	0.	0.007	0.005	0.005	0.005	0.01
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/95-03/03/97	54	4.4	4.633	15.	0.3	3.632	1.906	3.15	3.6	4.925	6.
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/10/95-03/03/97	52	1.6	1.692	5.	0.1	0.918	0.958	0.56	1.	2.35	3.07
00915 CALCIUM, DISSOLVED (MG/L AS CA)	10/10/95-03/03/97	54	3.3	3.326	4.4	2.5	0.162	0.402	2.8	3.	3.625	3.8
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/95-03/03/97	54	0.7	0.719	0.8	0.6	0.003	0.052	0.7	0.7	0.725	0.8
00930 SODIUM, DISSOLVED (MG/L AS NA)	10/10/95-03/03/97	54	3.	3.015	4.6	2.3	0.147	0.383	2.6	2.8	3.2	3.45
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/10/95-03/03/97	54	1.2	1.135	1.8	0.8	0.045	0.212	0.9	1.	1.3	1.4
00940 CHLORIDE, TOTAL IN WATER MG/L	10/10/95-03/03/97	54	4.	4.278	7.	3.	0.469	0.685	4.	4.	5.	5.
00945 SULFATE, TOTAL (MG/L AS SO4)	10/10/95-03/03/97	54	3.	3.519	6.	1.	0.669	0.818	3.	3.	4.	4.5
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/10/95-03/03/97	54 ##	0.05	0.056	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.1
00955 SILICA, DISSOLVED (MG/L AS SI02)	10/10/95-03/03/97	54	3.2	3.057	4.8	1.1	0.702	0.838	1.4	2.6	3.6	3.8
01046 IRON, DISSOLVED (UG/L AS FE)	10/10/95-03/03/97	54	225.	249.093	610.	31.	19638.274	140.137	92.5	157.5	320.	430.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	10/10/95-03/03/97	54	25.5	26.685	50.	7.	119.729	10.942	13.	19.	34.25	44.
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	43 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
04029 BROMACIL, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	43	0.073	0.081	0.3	0.003	0.004	0.06	0.019	0.031	0.11	0.17
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	18	0.025	0.027	0.055	0.009	0.	0.011	0.009	0.02	0.033	0.042
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	02/05/96-02/18/97	3 ###	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	43 ###	0.002	0.002	0.008	0.002	0.	0.001	0.002	0.002	0.002	0.002
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/05/96-02/18/97	43 ###	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
30217	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.1	0.1	0.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/23/72-07/24/73	9	100.	125.333	350.	0.	13989.75	118.278	0.	9.	215.	350.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/23/72-07/24/73	9	2.	1.681	2.544	0.	0.762	0.873	0.	0.906	2.329	2.544
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.984								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/10/95-09/19/96	13	228.	327.769	1100.	21.	113760.859	337.285	33.8	110.	332.5	1060.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/10/95-09/19/96	13	2.358	2.31	3.041	1.322	0.223	0.472	1.483	2.025	2.522	3.025
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			204.369								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/10/95-09/19/96	12	205.	522.083	2800.	77.	602740.265	776.363	83.9	117.75	575.	2290.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/10/95-09/19/96	12	2.312	2.436	3.447	1.886	0.224	0.473	1.921	2.071	2.758	3.325
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			272.984								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
32104	BROMOFORM,WHOLE WATER,UG/L	02/22/96-02/18/97	15 ###	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
32106	CHLOROFORM,WHOLE WATER,UG/L	02/22/96-02/18/97	8 ###	0.05	0.053	0.1	0.025	0.001	0.031	**	**	**	**
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	02/22/96-02/18/97	5 ###	0.1	0.107	0.26	0.025	0.008	0.091	**	**	**	**
34030	BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	02/22/96-02/18/97	14 ###	0.025	0.041	0.1	0.025	0.001	0.027	0.025	0.025	0.05	0.1
34210	ACROLEIN TOTWUG/L	04/19/96-02/18/97	13 ###	1.	1.231	2.	1.	0.192	0.439	1.	1.	1.5	2.
34215	ACRYLONITRILE TOTWUG/L	04/19/96-02/18/97	13 ###	1.	1.231	2.	1.	0.192	0.439	1.	1.	1.5	2.
34253	A-BHC-ALPHA DISSUG/L	02/05/96-02/18/97	43 ###	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
34301	CHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	9 ###	0.025	0.044	0.1	0.025	0.001	0.033	0.025	0.025	0.075	0.1
34311	CHLOROETHANE TOTWUG/L	02/22/96-02/18/97	14 ###	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
34371	ETHYLBENZENE TOTWUG/L	02/22/96-02/18/97	13 ###	0.025	0.04	0.1	0.025	0.001	0.028	0.025	0.025	0.05	0.1
34396	HEXACHLOROETHANE TOTWUG/L	04/19/96-02/18/97	13 ###	0.025	0.031	0.05	0.025	0.	0.011	0.025	0.025	0.038	0.05
34413	METHYL BROMIDE TOTWUG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
34418	METHYL CHLORIDE TOTWUG/L	02/22/96-02/18/97	8 ###	0.1	0.119	0.2	0.1	0.001	0.038	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	02/22/96-02/18/97	14 ###	0.05	0.067	0.135	0.05	0.001	0.029	0.05	0.05	0.1	0.118
34475	TETRACHLOROETHYLENE TOTWUG/L	02/22/96-02/18/97	13 ###	0.025	0.042	0.1	0.025	0.001	0.028	0.025	0.025	0.05	0.1
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
34496	1,1-DICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/22/96-02/18/97	14 ###	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
34536	1,2-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34541	1,2-DICHLOROPROPANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	15 ###	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
34566	1,3-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34571	1,4-DICHLOROBENZENE TOTWUG/L	02/22/96-02/18/97	15 ###	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
34653	P,P'-DDE DISSUG/L	02/05/96-02/18/97	43 ###	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
34668	DICHLORODIFLUOROMETHANE TOTWUG/L	02/22/96-02/18/97	15 ###	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
34696	NAPHTHALENE TOTWUG/L	02/22/96-02/18/97	11 ###	0.1	0.118	0.2	0.1	0.002	0.04	0.1	0.1	0.1	0.2
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/22/96-02/18/97	15 ###	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
38442	DICAMBA (BANVEL) WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
38478	LINURON WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.009	0.009	0.009	0.009	0.	0.	0.009	0.009	0.009	0.009
38482	MCPA WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
38487	MCPB WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
38501	METHIOCARB WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.013	0.013	0.013	0.013	0.	0.	0.013	0.013	0.013	0.013
38538	PROPOXUR WATER,DISSUG/L	04/01/96-01/21/97	33 ###	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
38711	BENTAZON WATER, DISUG/L	04/01/96-01/21/97	33 ###	0.007	0.007	0.007	0.007	0.	0.	0.007	0.007	0.007	0.007
38746	2,4-DB WATER, DISUG/L	04/01/96-01/21/97	33 ###	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
38811	FLUOMETURON WATER, DISUG/L	04/01/96-01/21/97	33 ###	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
38866	OXAMYL WATER, DISUG/L	04/01/96-01/21/97	32 ###	0.009	0.009	0.009	0.009	0.	0.	0.009	0.009	0.009	0.009
38933	CHLORPYRIFOS,DISSOLVED UG/L	02/05/96-02/18/97	39	0.006	0.011	0.1	0.002	0.	0.019	0.002	0.002	0.01	0.02
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/10/95-03/03/97	54	8.5	8.63	18.	4.	5.973	2.444	6.	7.	10.	11.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/22/96-02/18/97	15 ##	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/22/96-02/18/97	10 ##	0.038	0.048	0.1	0.025	0.001	0.03	0.025	0.025	0.063	0.1
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39415 METOLACHLOR, WATER, DISSOLVED UG/L	02/05/96-02/18/97	41 ##	0.001	0.003	0.02	0.001	0.	0.004	0.001	0.001	0.003	0.009
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	40	0.007	0.016	0.081	0.003	0.	0.021	0.003	0.003	0.024	0.053
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	42 ##	0.002	0.002	0.012	0.002	0.	0.002	0.002	0.002	0.002	0.002
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/05/96-02/18/97	43	0.019	0.025	0.13	0.001	0.001	0.027	0.001	0.009	0.031	0.048
39632 ATRAZINE DISSOLVED IN WATER PPB	02/05/96-02/18/97	43	0.07	0.105	0.58	0.001	0.013	0.115	0.02	0.03	0.15	0.222
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	02/22/96-02/18/97	15 ##	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	31 ##	0.018	0.024	0.22	0.018	0.001	0.036	0.018	0.018	0.018	0.018
39742 2,4,5-T IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE (UG/L)	04/01/96-01/21/97	33 ##	0.011	0.011	0.011	0.011	0.	0.	0.011	0.011	0.011	0.011
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	02/05/96-02/18/97	40 ##	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.001	0.001
49235 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
49236 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
49260 INVALID PARAMETER	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
49291 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
49292 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
49293 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.012	0.012	0.012	0.012	0.	0.	0.012	0.012	0.012	0.012
49294 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.008	0.008	0.008	0.008	0.	0.	0.008	0.008	0.008	0.008
49295 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
49296 INVALID PARAMETER	04/01/96-01/21/97	32 ##	0.009	0.009	0.009	0.009	0.	0.	0.009	0.009	0.009	0.009
49297 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.007	0.007	0.007	0.007	0.	0.	0.007	0.007	0.007	0.007
49298 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
49299 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
49300 INVALID PARAMETER	04/01/96-01/21/97	29 ##	0.01	0.015	0.12	0.01	0.	0.021	0.01	0.01	0.01	0.01
49301 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
49302 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.016	0.016	0.016	0.016	0.	0.	0.016	0.016	0.016	0.016
49303 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
49304 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.009	0.009	0.009	0.009	0.	0.	0.009	0.009	0.009	0.009
49305 INVALID PARAMETER	04/01/96-01/21/97	32 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
49306 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
49307 INVALID PARAMETER	04/01/96-01/21/97	32 ##	0.006	0.006	0.006	0.006	0.	0.	0.006	0.006	0.006	0.006
49308 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.007	0.007	0.007	0.007	0.	0.	0.007	0.007	0.007	0.007
49309 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.014	0.014	0.014	0.014	0.	0.	0.014	0.014	0.014	0.014
49310 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.004	0.005	0.05	0.004	0.	0.008	0.004	0.004	0.004	0.004
49311 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
49312 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.008	0.008	0.008	0.008	0.	0.	0.008	0.008	0.008	0.008
49313 INVALID PARAMETER	04/01/96-01/21/97	32 ##	0.008	0.008	0.008	0.008	0.	0.	0.008	0.008	0.008	0.008
49314 INVALID PARAMETER	04/01/96-01/21/97	32 ##	0.011	0.011	0.011	0.011	0.	0.	0.011	0.011	0.011	0.011
49315 INVALID PARAMETER	04/01/96-01/21/97	33 ##	0.018	0.018	0.018	0.018	0.	0.	0.018	0.018	0.018	0.018
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/95-03/03/97	54	32.5	33.574	74.	17.	64.891	8.055	24.5	30.	37.25	41.
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/95-03/03/97	54	85.	81.519	99.	45.	167.122	12.928	63.5	70.75	92.	97.
77041 CARBON DISULFIDE WHOLE WATER,UG/L	04/19/96-02/18/97	7 ##	0.025	0.036	0.05	0.025	0.	0.013	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	04/19/96-02/18/97	13 ##	2.5	3.077	5.	2.5	1.202	1.096	2.5	2.5	3.75	5.
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	02/22/96-02/18/97	10 ##	0.038	0.048	0.1	0.025	0.001	0.03	0.025	0.025	0.063	0.1
77103 2-HEXANONE WHOLE WATER,UG/L	04/19/96-02/18/97	13 ##	2.5	3.077	5.	2.5	1.202	1.096	2.5	2.5	3.75	5.
77128 STYRENE WHOLE WATER,UG/L	02/22/96-02/18/97	13 ##	0.025	0.042	0.1	0.025	0.001	0.028	0.025	0.025	0.05	0.1
77135 O-XYLENE WHOLE WATER,UG/L	04/19/96-02/18/97	7 ##	0.025	0.029	0.05	0.025	0.	0.009	**	**	**	**
77168 1,1-DICHLOROPROPENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77170 2,2-DICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77173 1,3-DICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77222 1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	11 ##	0.025	0.043	0.1	0.025	0.001	0.03	0.025	0.025	0.05	0.1
77223 ISOPROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77224 N-PROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77226 1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77275 1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77277 1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77297 CHLOROBROMOMETHANE (P-CHLOR*WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
77342 N-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77350 SEC-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77353 TERT-BUTYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	10 ##	0.038	0.048	0.1	0.025	0.001	0.03	0.025	0.025	0.063	0.1
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.05	0.067	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
78032	PROPANE, 2-METHOXY-2-METHYL-, WATER, WHOLE, UG/L	02/22/96-02/18/97	7 ##	0.1	0.121	0.23	0.05	0.006	0.074	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	04/19/96-02/18/97	13 ##	2.5	3.077	5.	2.5	1.202	1.096	2.5	2.5	3.75	5.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/10/95-03/03/97	54	15.5	21.426	121.	5.	448.136	21.169	9.	11.75	20.	51.
81551	XYLENE WHL WATER SMPL UG/L	02/22/96-03/25/96	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	04/19/96-02/18/97	10 ##	2.5	3.45	7.6	1.9	3.316	1.821	1.96	2.5	5.	7.34
81555	BROMOBENZENE WHL WATER SMPL UG/L	02/22/96-02/18/97	15 ##	0.025	0.04	0.1	0.025	0.001	0.026	0.025	0.025	0.05	0.1
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	04/19/96-02/18/97	12 ##	2.5	3.125	5.	2.5	1.278	1.131	2.5	2.5	4.375	5.
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	02/22/96-02/18/97	14 ##	0.25	0.339	0.5	0.25	0.015	0.124	0.25	0.25	0.5	0.5
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.02	0.002	0.	0.003	0.002	0.002	0.002	0.002
82660	DIETHYLANILINE, 2, 6,-0.7UM FILT,TOT RECV,WTR UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	41 ##	0.004	0.006	0.03	0.004	0.	0.006	0.004	0.004	0.004	0.015
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.01	0.001	0.	0.001	0.001	0.001	0.001	0.001
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	02/05/96-02/18/97	43 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	31	0.03	0.034	0.07	0.005	0.	0.017	0.01	0.02	0.04	0.06
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.006	0.001	0.	0.001	0.001	0.001	0.001	0.001
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.01	0.002	0.	0.001	0.002	0.002	0.002	0.002
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	42 ##	0.002	0.003	0.02	0.002	0.	0.004	0.002	0.002	0.002	0.008
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.004	0.001	0.	0.	0.001	0.001	0.001	0.001
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	21 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	41 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	43 ##	0.002	0.004	0.03	0.002	0.	0.006	0.002	0.002	0.002	0.008
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	42 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	42 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	42 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/05/96-02/18/97	42 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	06/26/96-02/18/97	5 ##	0.025	0.035	0.05	0.025	0.	0.014	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	71	0	0.00	27	0	0.00	26	0	0.00	18	0	0.00		
00400	PH	Other-Hi Lim.	9.	71	0	0.00	27	0	0.00	26	0	0.00	18	0	0.00		
		Other-Lo Lim.	6.5	71	40	0.56	27	13	0.48	26	16	0.62	18	11	0.61		
00403	PH, LAB	Other-Hi Lim.	9.	53	0	0.00	20	0	0.00	20	0	0.00	13	0	0.00		
		Other-Lo Lim.	6.5	53	5	0.09	20	3	0.15	20	2	0.10	13	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	53	0	0.00	21	0	0.00	19	0	0.00	13	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	53	0	0.00	21	0	0.00	19	0	0.00	13	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00		
		Drinking Water	250.	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	54	0	0.00	21	0	0.00	20	0	0.00	13	0	0.00		
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	2	0.22	5	1	0.20	3	1	0.33	1	0	0.00		
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	13	8	0.62	6	5	0.83	4	1	0.25	3	2	0.67		
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
		Drinking Water	5.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
32103	1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
		Drinking Water	5.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00		
		Drinking Water	100.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00		
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECAHEDRONE E	Fresh Acute	17500.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
34210	ACROLEIN, TOTAL	Fresh Acute	68.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	9	0	0.00	1	0	0.00	7	0	0.00	1	0	0.00		
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
		Drinking Water	700.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	14	0	0.00	4	0	0.00	8	0	0.00	2	0	0.00		
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
		Drinking Water	5.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00		
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	Drinking Water	100.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	11	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00		
38866	OXAMYL, DISSOLVED	Drinking Water	200.	32	0	0.00	18	0	0.00	3	0	0.00	11	0	0.00		
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	39	1	0.03	16	0	0.00	11	1	0.09	12	0	0.00		
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00		
		Drinking Water	5.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00		
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
		Drinking Water	0.2	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	42	0	0.00	18	0	0.00	13	0	0.00	11	0	0.00		
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	43	0	0.00	18	0	0.00	13	0	0.00	12	0	0.00		
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	Fresh Acute	90.	15	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00		
39732	2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	31	0	0.00	17	0	0.00	2	0	0.00	12	0	0.00		
39762	SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	33	0	0.00	18	0	0.00	3	0	0.00	12	0	0.00		
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	40	0	0.00	18	0	0.00	13	0	0.00	9	0	0.00		
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00		
77128	STYRENE, WHOLE WATER	Drinking Water	100.	13	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00		
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00											
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVER	Drinking Water	0.2	0 &	0	0.00											

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-03/03/97	27	26.	23.804	29.5	12.5	23.29	4.826	17.2	19.	28.	29.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-09/24/96	18	26.	55.556	180.	15.	2984.732	54.633	15.9	18.5	73.25	180.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-03/03/97	27	46.	57.63	190.	35.	1381.704	37.171	36.	42.	48.	120.
00300p	OXYGEN, DISSOLVED MG/L	12/08/71-03/03/97	27	7.	8.956	55.	4.6	86.253	9.287	5.96	6.1	8.2	9.64
00400p	PH (STANDARD UNITS)	12/08/71-03/03/97	27	6.6	6.5	6.9	5.7	0.084	0.29	5.98	6.4	6.7	6.8
00400p	CONVERTED PH (STANDARD UNITS)	12/08/71-03/03/97	27	6.6	6.384	6.9	5.7	0.098	0.313	5.98	6.4	6.7	6.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/71-03/03/97	27	0.251	0.413	1.995	0.126	0.166	0.408	0.158	0.2	0.398	1.052

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-03/03/97	26	11.	11.081	19.	4.	13.938	3.733	5.08	9.375	13.625	16.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-09/24/96	14	123.	305.786	1271.	27.	154162.181	392.635	30.5	45.25	474.25	1148.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-03/03/97	26	41.	45.038	70.	33.	82.918	9.106	37.4	39.	50.5	60.9
00300p	OXYGEN, DISSOLVED MG/L	12/08/71-03/03/97	26	10.4	10.635	13.3	8.6	1.17	1.082	9.3	9.775	11.275	12.26
00400p	PH (STANDARD UNITS)	12/08/71-03/03/97	26	6.5	6.468	7.1	5.9	0.08	0.283	5.97	6.3	6.6	6.83
00400p	CONVERTED PH (STANDARD UNITS)	12/08/71-03/03/97	26	6.5	6.376	7.1	5.9	0.089	0.298	5.97	6.3	6.6	6.83
00400n	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/71-03/03/97	26	0.316	0.421	1.259	0.079	0.099	0.315	0.149	0.251	0.501	1.078

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

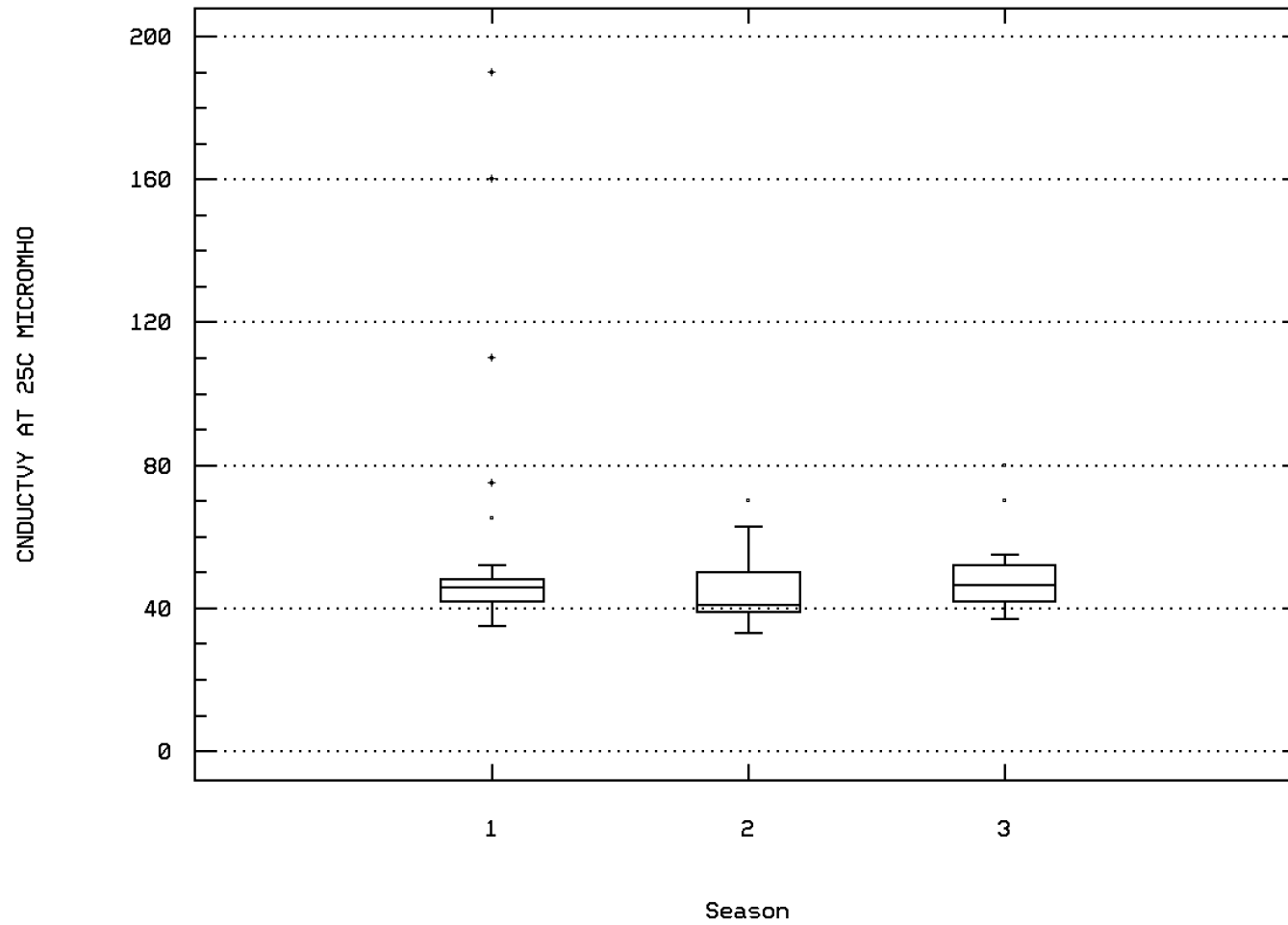
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-03/03/97	18	24.	23.056	30.	14.5	21.35	4.621	14.95	20.125	26.625	29.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-09/24/96	16	40.5	93.875	480.	16.	14202.917	119.176	18.1	25.75	145.25	290.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-03/03/97	18	46.5	50.333	80.	37.	170.824	13.07	39.7	42.	52.75	80.
00300p	OXYGEN, DISSOLVED MG/L	12/08/71-03/03/97	18	7.8	7.717	10.	5.6	1.532	1.238	5.87	6.875	8.225	9.91
00400p	PH (STANDARD UNITS)	12/08/71-03/03/97	18	6.5	6.578	7.2	6.1	0.097	0.312	6.1	6.4	6.9	7.02
00400p	CONVERTED PH (STANDARD UNITS)	12/08/71-03/03/97	18	6.5	6.483	7.2	6.1	0.107	0.326	6.1	6.4	6.9	7.02
00400n	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/71-03/03/97	18	0.316	0.328	0.794	0.063	0.045	0.212	0.096	0.126	0.398	0.794

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0154 Parameter Code: 00095

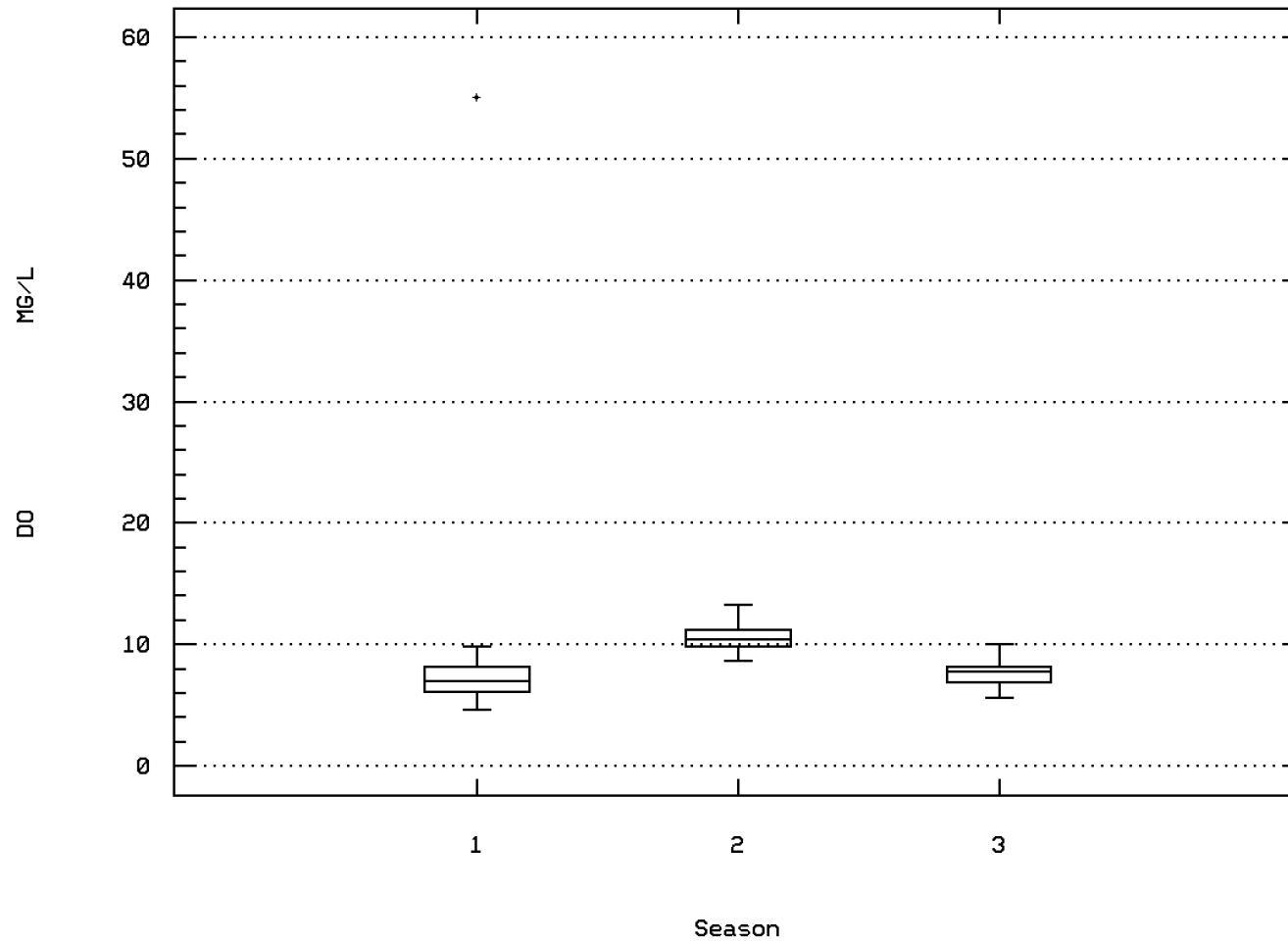
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GILLS CREEK AT COLUMBIA, SC

Station: COSW0154 Parameter Code: 00300

OXYGEN, DISSOLVED

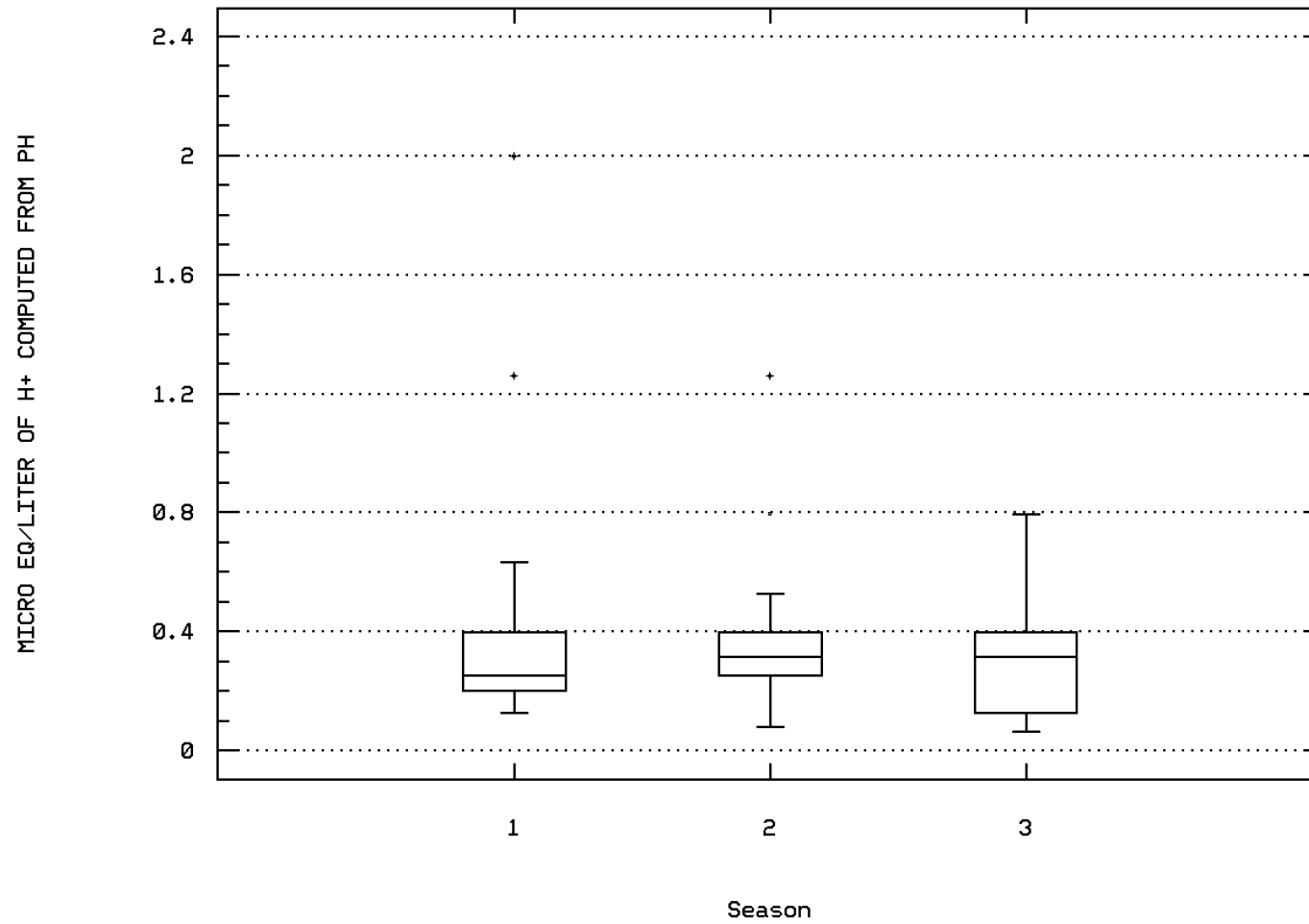


GILLS CREEK AT COLUMBIA, SC



Station: COSW0154 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CREEK AT COLUMBIA, SC

## Station Inventory for Station: COSW0155

NPS Station ID: COSW0155  
 Location: EIGHT MILE BRANCH AT COVENANT ROAD COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:

LAT/LON: 34.031393/ -80.982226

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 021695658  
 Within Park Boundary: No

Date Created: 08/23/97

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/18/96-09/18/96	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	09/18/96-09/18/96	1	761.	761.	761.	761.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/18/96-09/18/96	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/96-09/18/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/18/96-09/18/96	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/18/96-09/18/96	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	09/18/96-09/18/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	09/18/96-09/18/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/96-09/18/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	09/18/96-09/18/96	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/18/96-09/18/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/96-09/18/96	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS, 1 DET. (MG/L AS N)	09/18/96-09/18/96	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/18/96-09/18/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/96-09/18/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00681 CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00689 CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/18/96-09/18/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	09/18/96-09/18/96	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/96-09/18/96	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/18/96-09/18/96	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/18/96-09/18/96	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/18/96-09/18/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/18/96-09/18/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	09/18/96-09/18/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/18/96-09/18/96	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/18/96-09/18/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1	0.164	0.164	0.164	0.164	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30217 DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31625 FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
31625 LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	3.243	3.243	3.243	3.243	0.	0.	**	**	**	**
31625 GM FECAL COLIFORM, MF,M-FC, 0.7 UM	09/18/96-09/18/96	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
31673 FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/18/96-09/18/96	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
32101 BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102 CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32103 1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
32104 BROMOFORM,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32105 DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34030 BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34210 ACRROLEIN TOTWUG/L	09/18/96-09/18/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34215 ACRYLONITRILE TOTWUG/L	09/18/96-09/18/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34301 CHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34311 CHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371 ETHYLBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34396 HEXACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34413 METHYL BROMIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423 METHYLENE CHLORIDE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475 TETRACHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34488 TRICHLOROFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496 1,1-DICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34501 1,1-DICHLOROETHYLENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506 1,1,1-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34511 1,1,2-TRICHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34516 1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536 1,2-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34668 DICHLORODIFLUOROMETHANE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	09/18/96-09/18/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/18/96-09/18/96	1	19.	19.	19.	19.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	09/18/96-09/18/96	1	0.286	0.286	0.286	0.286	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	09/18/96-09/18/96	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/96-09/18/96	1	57.	57.	57.	57.	0.	0.	**	**	**	**
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	09/18/96-09/18/96	1	85.	85.	85.	85.	0.	0.	**	**	**	**
77041 CARBON DISULFIDE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77057 VINYL ACETATE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093 CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77103 2-HEXANONE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128 STYRENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77135 O-XYLENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROENZENE (O-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROENZENE (P-CHLOR*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77297	CHLOROBROMOMETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROENZENE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/18/96-09/18/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	09/18/96-09/18/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82625	DIBROMOCHLOROPROPANE, WATER,TOTAL RECOVERABLE,UG/L	09/18/96-09/18/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6- 0.7UM FILT,TOT RECV,WTR UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	09/18/96-09/18/96	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/18/96-09/18/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0155

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400 PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403 PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32103 1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
	Drinking Water	1000.	1	0	0.00	1	0	0.00									
34210 ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
	Drinking Water	700.	1	0	0.00	1	0	0.00									
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00	1	0	0.00									
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									
77093 CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00	1	0	0.00									
77128 STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
77651 1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
82625 DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0156

NPS Station ID: COSW0156  
 Location: GILLS CK ON KILBOURN RD COLUMBIA  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE COOPER CONGAREE  
 RF1 Index: 03050110024  
 RF3 Index: 03050110002403.93  
 Description:  
 SAMPLED BY SC PCA. FIRST REPORTING DATE 03/23/67.

LAT/LON: 33.983337/ -80.983337

Depth of Water: 999  
 Elevation: 0  
 RF1 Mile Point: 7.170  
 RF3 Mile Point: 11.90

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): C-001E  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.26

On/Off RF1: OFF  
 On/Off RF3:

GILLS CREEK AT BRIDGE ON KILBOURNE ROAD AT COLUMBIA, S.C.

### Parameter Inventory for Station: COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	72	22.25	20.438	28.5	6.	43.288	6.579	10.	15.	26.	27.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/23/67-01/18/74	32	39.5	44.594	120.	12.5	496.201	22.276	25.	30.	58.	66.65
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	05/29/70-02/15/74	12	19.5	31.167	182.	8.	2276.697	47.715	9.2	13.5	22.	134.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-06/08/76	27	28.	28.222	48.	14.	99.641	9.982	15.	20.	35.	42.2
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	62	77.5	90.887	210.	30.	1466.823	38.299	50.	60.	120.	140.
00300 OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	72	7.8	8.387	12.5	4.	3.611	1.9	6.26	7.1	10.	10.97
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/23/67-10/16/72	32	84.	82.597	100.	50.	140.769	11.865	69.	76.25	90.75	94.7
00310 BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	73	5.4	8.463	56.	0.8	100.505	10.025	2.02	3.5	8.6	17.46
00340 COD, .25N K2CR2O7 MG/L	02/04/72-06/08/76	21	28.	36.714	112.	0.	658.814	25.667	16.6	20.	49.	82.4
00400 PH (STANDARD UNITS)	06/29/73-06/08/76	33	6.8	6.764	7.5	6.3	0.094	0.306	6.44	6.5	7.	7.22
00400 CONVERTED PH (STANDARD UNITS)	06/29/73-06/08/76	33	6.8	6.675	7.5	6.3	0.102	0.319	6.44	6.5	7.	7.22
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/73-06/08/76	33	0.158	0.211	0.501	0.032	0.015	0.122	0.062	0.1	0.316	0.365
00403 PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	72	6.5	6.536	7.2	5.7	0.098	0.314	6.1	6.4	6.775	6.9
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	72	6.5	6.416	7.2	5.7	0.113	0.336	6.1	6.4	6.775	6.9
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	72	0.316	0.383	1.995	0.063	0.118	0.343	0.126	0.169	0.398	0.794
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	71	12.	17.803	70.	4.	181.675	13.479	7.2	9.	22.	38.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	05/24/71-09/21/71	5	0.44	0.56	1.5	0.14	0.298	0.546	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-06/08/76	12	0.14	0.128	0.24	0.01	0.006	0.076	0.01	0.059	0.193	0.228
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/22/72	5	0.28	0.414	0.83	0.23	0.064	0.253	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-06/08/76	13	0.64	0.794	2.	0.34	0.17	0.412	0.392	0.585	0.955	1.6
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-06/08/76	49	0.28	0.385	1.92	0.07	0.102	0.319	0.1	0.17	0.515	0.73
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	05/24/71-05/24/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	05/24/71-05/02/75	41	0.45	0.935	5.1	0.03	1.575	1.255	0.12	0.18	1.185	1.916
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/29/74-06/08/76	8 ##	0.045	0.064	0.15	0.025	0.002	0.047	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/74-06/08/76	13	10.7	12.985	32.	6.4	46.683	6.833	6.72	8.4	14.25	27.24
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/24/71-09/21/71	4	19.5	19.5	21.	18.	1.667	1.291	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/08/76	18	0.7	0.783	1.9	0.6	0.084	0.29	0.6	0.7	0.8	1.
00940 CHLORIDE, TOTAL IN WATER MG/L	05/24/71-09/21/71	4	7.5	7.75	10.	6.	4.25	2.062	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/29/73-06/08/76	24 ##	5.	28.167	192.	5.	2101.275	45.84	5.	5.	41.25	104.5
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/73-06/08/76	24 ##	25.	43.542	220.	25.	1729.303	41.585	25.	25.	50.	75.
01040 COPPER, DISSOLVED (UG/L AS CU)	03/16/72-06/08/76	31 ##	50.	49.516	210.	25.	998.925	31.606	25.	50.	50.	50.
01046 IRON, DISSOLVED (UG/L AS FE)	11/08/72-06/08/76	36	648.	689.	1500.	190.	97420.571	312.123	299.	492.5	813.5	1224.3
01049 LEAD, DISSOLVED (UG/L AS PB)	06/29/73-06/08/76	32 ##	25.	47.156	200.	15.	1746.846	41.795	25.	25.	83.	100.
01056 MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-06/08/76	18	95.	153.611	760.	25.	32268.722	179.635	47.5	69.25	132.5	481.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-06/08/76	17 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-06/08/76	13 ##	50.	46.173	50.	0.25	190.389	13.798	20.15	50.	50.
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/23/67-07/09/71	5	163000.	456920.	1160000.	2400.307719992000.	554725.15	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/23/67-07/09/71	5	5.212	4.92	6.064	3.38	1.45	1.204	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3											
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/71-05/22/72	6	290.	261.25	490.	2.5	49224.375	221.866	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/71-05/22/72	6	2.453	1.897	2.69	0.398	1.115	1.056	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)											
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-06/08/76	53	200.	832.774	28800.	0.	15519317.727	3939.457	1.	2.75	425.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/71-06/08/76	53	2.301	1.79	4.459	0.	1.305	1.142	0.	0.438	2.628
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C											
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/08/75-06/08/76	12 ##	0.01	0.028	0.1	0.01	0.001	0.034	0.01	0.01	0.028
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-07/09/71	2	5800.	5800.	9200.	2400.	23120000.	4808.326	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-07/09/71	2	3.672	3.672	3.964	3.38	0.17	0.413	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE											
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/07/71-06/07/71	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-06/08/76	35	0.4	0.872	4.1	0.02	1.03	1.015	0.1	0.25	1.4
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/11/74-01/12/76	11	12.38	12.39	13.5	11.64	0.372	0.61	11.646	11.92	12.92
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/08/76	40	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0156

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	32	11	0.34	15	6	0.40	8	5	0.63	9	0	0.00		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	27	0	0.00	9	0	0.00	9	0	0.00	9	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72	1	0.01	30	1	0.03	19	0	0.00	23	0	0.00		
00400	PH	Other-Hi Lim.	9.	33	0	0.00	11	0	0.00	12	0	0.00	10	0	0.00		
		Other-Lo Lim.	6.5	33	13	0.39	11	6	0.55	12	1	0.08	10	6	0.60		
00403	PH, LAB	Other-Hi Lim.	9.	72	0	0.00	29	0	0.00	20	0	0.00	23	0	0.00		
		Other-Lo Lim.	6.5	72	38	0.53	29	15	0.52	20	10	0.50	23	13	0.57		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	49	0	0.00	17	0	0.00	17	0	0.00	15	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00				1	0	0.00		
		Drinking Water	250.	4	0	0.00	3	0	0.00				1	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00		0	0.00		
		Drinking Water	50.	1	0	0.00				1	0	0.00		0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4 &	4	1.00				2	2	1.00	2	2	1.00		
		Drinking Water	5.	4 &	4	1.00				2	2	1.00	2	2	1.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	24	2	0.08	7	0	0.00	9	0	0.00	8	2	0.25		
01040	COPPER, DISSOLVED	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00		
		Drinking Water	1300.	31	0	0.00	11	0	0.00	11	0	0.00	9	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	26 &	2	0.08	9	1	0.11	8	0	0.00	9	1	0.11		
		Drinking Water	15.	2 &	2	1.00	1	1	1.00				1	1	1.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00		
		Drinking Water	100.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00		
		Drinking Water	5000.	13	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00		
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	5	1.00	1	1	1.00	1	1	1.00	3	3	1.00		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	4	0.67	2	2	1.00	1	0	0.00	3	2	0.67		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	53	27	0.51	18	8	0.44	18	9	0.50	17	10	0.59		
71900	MERCURY, TOTAL	Fresh Acute	2.4	35	3	0.09	11	1	0.09	15	2	0.13	9	0	0.00		
		Drinking Water	2.	35	7	0.20	11	2	0.18	15	3	0.20	9	2	0.22		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1967 - Station COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	3	22.	19.333	22.	14.	21.333	4.619	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	3	7.4	7.767	9.3	6.6	1.923	1.387	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	3	37.5	32.633	52.	8.4	493.003	22.204	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	3	7.1	7.033	7.2	6.8	0.043	0.208	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	3	7.1	6.999	7.2	6.8	0.045	0.212	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	3	0.079	0.1	0.158	0.063	0.003	0.051	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	3	68.	51.333	70.	16.	937.333	30.616	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1968 - Station COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1969 - Station COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	13	26.	24.5	28.5	13.	30.167	5.492	13.	23.25	28.25	28.5
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	7	70.	78.571	120.	50.	580.952	24.103	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	13	6.6	7.038	10.7	4.	3.599	1.897	4.56	5.5	8.05	10.42
00310 BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	13	11.7	16.3	56.	4.5	201.118	14.182	4.62	6.9	19.95	46.4
00403 PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	13	6.7	6.662	7.1	6.2	0.059	0.243	6.28	6.5	6.85	7.02
00403 CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	13	6.7	6.599	7.1	6.2	0.064	0.252	6.28	6.5	6.85	7.02
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	13	0.2	0.252	0.631	0.079	0.022	0.148	0.098	0.142	0.316	0.538
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	13	18.	25.077	44.	8.	174.41	13.206	9.6	13.	38.	42.4

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1971 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	5	25.	25.2	26.	24.	0.7	0.837	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	5	130.	132.	210.	65.	4032.5	63.502	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	5	7.1	7.1	7.4	6.7	0.075	0.274	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	5	6.9	8.26	14.7	5.4	14.273	3.778	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	5	6.5	6.4	6.6	6.	0.065	0.255	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	5	6.5	6.334	6.6	6.	0.071	0.266	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	5	0.316	0.464	1.	0.251	0.1	0.317	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	5	20.	20.4	36.	10.	92.8	9.633	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-06/08/76	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	3	490.	403.333	490.	230.	22533.333	150.111	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	3	2.69	2.581	2.69	2.362	0.036	0.19	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 380.809											

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	11	20.	19.5	27.	7.5	42.8	6.542	8.5	14.	26.	26.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	9	60.	76.111	160.	50.	1498.611	38.712	50.	50.	100.	160.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	11	8.1	8.691	12.4	6.2	3.409	1.846	6.32	7.2	10.2	12.02
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	10	3.	3.83	8.2	1.7	5.002	2.237	1.7	1.85	5.65	7.99
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	9	6.4	6.344	6.7	6.	0.078	0.279	6.	6.05	6.6	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	9	6.4	6.268	6.7	6.	0.084	0.29	6.	6.05	6.6	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	9	0.398	0.539	1.	0.2	0.106	0.326	0.2	0.258	0.897	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	10	12.	18.6	42.	6.	172.489	13.134	6.	10.5	32.	41.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-06/08/76	10	0.38	0.462	1.09	0.12	0.101	0.317	0.123	0.21	0.703	1.064
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	10 ##	2.5	50.	350.	0.	12719.444	112.781	0.	1.875	36.25	328.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	10 ##	0.398	0.765	2.544	0.	0.745	0.863	0.	0.298	1.053	2.501
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 5.818											

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	10	16.	16.9	27.	8.	42.1	6.488	8.2	10.	23.25	26.7
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	10	105.	101.	160.	55.	1248.889	35.34	55.5	67.5	125.	158.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	10	8.85	9.16	12.3	6.4	3.247	1.802	6.52	7.6	10.525	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	11	2.8	4.264	17.7	0.8	21.297	4.615	0.98	2.2	4.3	15.14
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	11	6.4	6.3	6.9	5.7	0.146	0.382	5.72	5.9	6.6	6.86
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	11	6.4	6.15	6.9	5.7	0.171	0.413	5.72	5.9	6.6	6.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	11	0.398	0.708	1.995	0.126	0.389	0.624	0.141	0.251	1.259	1.913
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	10	12.	13.8	26.	4.	51.956	7.208	4.4	8.	22.	25.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-06/08/76	11	0.35	0.569	1.92	0.24	0.239	0.489	0.242	0.28	0.73	1.688
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	11	2.5	4.636	24.	0.	49.205	7.015	0.	1.	5.	21.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	11	0.398	0.423	1.38	0.	0.206	0.454	0.	0.	0.699	1.304
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 2.649											

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	10	19.25	19.5	28.	8.	54.222	7.364	8.2	12.25	26.625	27.9
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	11	110.	99.091	140.	50.	1004.091	31.687	52.	75.	130.	138.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	10	7.95	8.43	10.7	6.	2.698	1.643	6.11	7.1	10.05	10.65
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	11	6.2	6.327	10.2	3.1	5.402	2.324	3.26	4.2	7.7	10.16
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	11	6.5	6.627	7.2	6.1	0.122	0.35	6.12	6.4	6.9	7.14
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	11	6.5	6.507	7.2	6.1	0.138	0.372	6.12	6.4	6.9	7.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	11	0.316	0.311	0.794	0.063	0.055	0.234	0.076	0.126	0.398	0.762
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	11	12.	14.	24.	10.	18.4	4.29	10.	10.	16.	22.8
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-06/08/76	11	0.15	0.184	0.45	0.07	0.015	0.122	0.072	0.08	0.24	0.43
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	11	580.	3108.455	28800.	120.	72696778.273	8526.241	136.	290.	1000.	23240.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	11	2.763	2.813	4.459	2.079	0.382	0.618	2.124	2.462	3.	4.168
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			649.408								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	12	23.75	19.75	27.	6.	56.068	7.488	6.9	12.375	25.75	26.7
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	12	80.	89.167	160.	30.	1608.333	40.104	33.	60.	120.	151.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	12	8.25	9.117	12.5	7.1	3.949	1.987	7.13	7.375	11.1	12.29
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	12	4.25	4.8	8.7	1.	4.871	2.207	1.6	3.6	6.15	8.64
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	12	6.55	6.575	6.8	6.2	0.037	0.191	6.26	6.425	6.775	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	12	6.547	6.535	6.8	6.2	0.038	0.196	6.26	6.425	6.775	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	12	0.284	0.292	0.631	0.158	0.019	0.139	0.158	0.169	0.378	0.561
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	12	8.	9.917	25.	4.	29.902	5.468	4.	8.	12.	21.1
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-06/08/76	10	0.23	0.281	0.58	0.09	0.029	0.17	0.091	0.145	0.448	0.569
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	12	242.5	503.583	2620.	40.	535456.629	731.749	49.9	93.75	707.75	2134.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	12	2.381	2.399	3.418	1.602	0.269	0.519	1.68	1.95	2.812	3.293
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			250.887								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	6	19.5	17.333	23.	9.	35.467	5.955	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	6	70.	76.667	100.	55.	356.667	18.886	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	6	10.	9.917	12.	8.2	2.218	1.489	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	6	3.5	3.967	7.1	1.9	3.931	1.983	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	6	6.6	6.567	6.7	6.4	0.011	0.103	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	6	6.6	6.556	6.7	6.4	0.011	0.104	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	6	0.251	0.278	0.398	0.2	0.005	0.07	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	6	8.	9.667	22.	4.	39.467	6.282	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-06/08/76	6	0.525	0.487	0.67	0.26	0.023	0.152	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	6	330.	356.667	630.	200.	27146.667	164.762	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/07/71-06/08/76	6	2.517	2.515	2.799	2.301	0.039	0.197	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			327.094								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	30	25.75	23.833	28.5	13.	19.368	4.401	16.65	20.75	27.	28.45
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	23	100.	98.478	210.	30.	2048.715	45.263	44.	60.	120.	172.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	30	7.2	7.347	10.7	4.	2.211	1.487	5.46	6.5	7.725	9.98
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	30	6.15	10.103	56.	1.9	117.849	10.856	2.64	4.4	11.775	22.
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	29	6.5	6.597	6.9	6.2	0.043	0.208	6.3	6.5	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	29	6.5	6.549	6.9	6.2	0.046	0.214	6.3	6.5	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	29	0.316	0.283	0.631	0.126	0.019	0.139	0.126	0.158	0.316	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	29	18.	19.621	44.	4.	136.03	11.663	8.	9.	28.5	38.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	19	11.	11.605	18.	6.	12.044	3.47	7.5	9.	15.	17.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	18	72.5	87.778	160.	50.	1144.771	33.834	50.	60.	120.	133.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	19	10.7	10.647	12.5	8.	1.575	1.255	8.4	10.	11.8	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	20	3.55	4.725	17.7	0.8	16.099	4.012	1.07	2.3	6.85	10.02
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	20	6.55	6.49	7.2	5.8	0.135	0.367	5.91	6.2	6.775	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	20	6.547	6.341	7.2	5.8	0.158	0.397	5.91	6.2	6.775	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	20	0.284	0.456	1.585	0.063	0.171	0.413	0.126	0.169	0.631	1.233
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	19	12.	13.316	42.	4.	82.895	9.105	4.	7.	16.	26.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/23/67-06/08/76	23	25.	23.304	27.	14.	12.63	3.554	17.	22.	26.	27.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-06/08/76	21	75.	85.238	160.	50.	1138.69	33.744	51.	60.	110.	140.
00300	OXYGEN, DISSOLVED MG/L	03/23/67-06/08/76	23	7.6	7.878	10.	5.6	1.292	1.137	6.48	7.1	8.5	9.76
00310	BOD, 5 DAY, 20 DEG C MG/L	03/23/67-06/08/76	23	5.5	9.574	52.	1.7	142.015	11.917	1.94	3.6	8.5	29.46
00403	PH, LAB, STANDARD UNITS SU	03/23/67-06/08/76	23	6.5	6.5	7.2	5.7	0.138	0.372	6.	6.2	6.7	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	03/23/67-06/08/76	23	6.5	6.349	7.2	5.7	0.162	0.402	6.	6.2	6.7	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/67-06/08/76	23	0.316	0.448	1.995	0.063	0.185	0.431	0.079	0.2	0.631	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/23/67-06/08/76	23	12.	19.217	70.	8.	313.269	17.699	8.	10.	20.	56.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station Inventory for Station: COSW0157

NPS Station ID: COSW0157  
Location: GILLS CK BTWN BRDGS BLUFF RD  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110024  
RF3 Index: 03050110002403.93  
Description:

LAT/LON: 33.948616/ -80.987504  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 4.720  
RF3 Mile Point: 12.01

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-7  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.03

Date Created: 12/03/76  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0158

NPS Station ID: COSW0158  
Location: GILLS CK AT SC 48  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:

LAT/LON: 33.944448/ -80.988893

Agency: 21SC60WQ  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): C-017  
Within Park Boundary: No

Date Created: / /

HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE COOPER CONGAREE  
RF1 Index: 03050110024  
RF3 Index: 03050110002403.93

Depth of Water: 0  
Elevation: 0  
RF1 Mile Point: 4.270  
RF3 Mile Point: 6.34

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.33

On/Off RF1: OFF  
On/Off RF3:

Description:  
SAMPLED BY SOUTH CAROLINA POLLUTION CONTROL AUTHORITY. FIRST SAMPLE TAKEN 09/25/68.  
BRIDGE OVER GILLS CREEK AT S.C. NO. 48, (BLUFF ROAD), 2.6 MILES SOUTHWEST OF VA HOSPITAL, COLUMBIA, RICHLAND.

### Parameter Inventory for Station: COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	326	18.75	17.935	29.	2.	47.457	6.889	8.57	12.5	24.	26.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	219	20.5	19.765	38.	0.	66.459	8.152	8.	14.	26.	30.
00025 BAROMETRIC PRESSURE (MM OF HG)	04/08/80-04/08/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	186	48.	75.747	488.	5.	6007.466	77.508	12.	21.	100.25	176.3
00070 TURBIDITY, (JACKSON CANDLE UNITS)	09/25/68-01/18/74	17	36.	56.471	300.	25.	4430.515	66.562	25.	28.5	51.	153.6
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/04/68-02/15/74	24	14.5	25.25	264.	6.	2607.587	51.065	8.5	12.	19.	22.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	271	17.	19.418	110.	0.5	204.797	14.311	5.72	11.	25.	35.
00080 COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	63	80.	95.754	420.	2.5	3064.846	55.361	50.	65.	120.	140.
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	326	7.1	7.241	13.4	0.	5.816	2.412	4.3	5.6	9.1	10.4
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/04/68-10/16/72	28	46.	43.057	80.	0.	566.581	23.803	11.2	21.25	64.	76.03
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	317	3.	3.785	70.	0.3	21.539	4.641	1.7	2.2	4.2	5.72
00335 COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	42	15.	16.021	52.	2.5	98.547	9.927	3.25	9.95	20.	29.7
00340 COD, .25N K2CR2O7 MG/L	01/02/75-05/17/77	21	28.	34.429	103.	0.	527.057	22.958	12.8	19.5	44.	64.8
00400 PH (STANDARD UNITS)	11/08/72-06/10/97	291	6.45	6.492	8.2	5.4	0.179	0.423	6.024	6.2	6.7	7.
00400 CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	291	6.45	6.314	8.2	5.4	0.211	0.459	6.024	6.2	6.7	7.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	291	0.355	0.485	3.981	0.006	0.261	0.51	0.1	0.2	0.631	0.946
00403 PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	261	6.4	6.404	7.6	5.2	0.111	0.333	6.	6.2	6.6	6.8
00403 CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	261	6.4	6.269	7.6	5.2	0.129	0.36	6.	6.2	6.6	6.8
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	261	0.398	0.538	6.31	0.025	0.33	0.575	0.158	0.251	0.631	1.
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	317	11.	14.426	130.	1.	150.334	12.261	7.	9.	15.	23.2
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	01/04/73-01/04/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	71	15.	16.93	77.	2.	131.809	11.481	7.	9.	20.	29.6
00600 NITROGEN, TOTAL (MG/L AS N)	05/24/71-09/21/71	4	0.4	0.378	0.68	0.03	0.078	0.279	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	262	0.16	0.242	3.3	0.01	0.109	0.33	0.025	0.05	0.31	0.5
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/22/72	6	0.56	0.498	0.68	0.16	0.037	0.191	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	255	0.8	0.894	4.2	0.05	0.254	0.504	0.46	0.64	1.02	1.344
00627 NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/02/90-02/21/96	6	150.5	667.833	2700.	20.	1104617.767	1051.008	**	**	**	**
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	302	0.22	0.262	1.71	0.01	0.032	0.18	0.09	0.15	0.313	0.507
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	05/24/71-09/21/71	2	0.51	0.51	0.67	0.35	0.051	0.226	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	05/24/71-05/16/75	42	0.475	0.686	3.45	0.03	0.497	0.705	0.15	0.29	0.908	1.288
00665 PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	257	0.07	0.101	3.	0.01	0.039	0.199	0.03	0.05	0.1	0.142
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/02/90-02/21/96	6	75.	153.333	590.	20.	48226.667	219.606	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	01/02/75-05/07/97	86	7.	8.349	49.	1.3	37.041	6.086	3.8	5.375	9.525	13.69

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/24/71-02/26/97	19	13.	14.789	26.	10.	21.731	4.662	10.	11.	18.	22.
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/23/83-03/07/86	3	3.7	3.5	3.8	3.	0.19	0.436	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/02/75-06/02/76	16	0.8	1.106	6.	0.5	1.719	1.311	0.64	0.7	0.875	2.57
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/23/83-03/07/86	3	0.8	0.867	1.	0.8	0.013	0.115	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/24/71-09/21/71	3	10.	8.667	10.	6.	5.333	2.309	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/06/92-02/06/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	02/04/72-08/30/77	30 ##	5.	19.5	100.	5.	590.259	24.295	5.	5.	50.	50.
01027	CADMIUM, TOTAL (UG/L AS Cd)	11/18/77-05/07/97	80 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01028	CADMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/02/90-02/21/96	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/02/90-02/21/96	7	1.8	1.843	5.2	0.5	2.826	1.681	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	05/19/72-08/30/77	30 ##	25.	85.	700.	25.	27067.241	164.521	25.	25.	50.	163.
01034	CHROMIUM, TOTAL (UG/L AS Cr)	11/18/77-05/07/97	80 ##	25.	19.063	250.	5.	782.338	27.97	5.	5.	25.	25.
01040	COPPER, DISSOLVED (UG/L AS Cu)	12/08/71-08/30/77	37 ##	50.	51.892	210.	25.	1015.766	31.871	25.	50.	50.	60.
01042	COPPER, TOTAL (UG/L AS Cu)	11/18/77-05/07/97	80 ##	25.	21.	50.	5.	241.392	15.537	5.	5.	25.	50.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS Cu DRY WGT)	11/02/90-02/21/96	7 ##	0.5	1.771	6.5	0.5	4.836	2.199	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	11/18/77-05/07/97	80	1200.	1159.438	2000.	5.	141343.034	375.956	753.	885.	1400.	1690.
01046	IRON, DISSOLVED (UG/L AS Fe)	11/08/72-08/30/77	40	857.	872.325	2356.	50.	173955.815	417.08	270.6	592.5	1118.5	1307.6
01049	LEAD, DISSOLVED (UG/L AS Pb)	12/08/71-08/30/77	36 ##	25.	45.875	200.	2.5	1640.42	40.502	25.	25.	57.5	100.
01051	LEAD, TOTAL (UG/L AS Pb)	11/18/77-05/07/97	80 ##	25.	27.125	60.	25.	58.085	7.621	25.	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS Pb DRY WGT)	11/02/90-02/21/96	7	5.1	7.271	25.	2.5	64.749	8.047	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	11/18/77-05/07/97	79	60.	67.785	210.	25.	1662.017	40.768	25.	40.	80.	120.
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	01/02/75-08/30/77	21	70.	187.524	710.	25.	55702.262	236.013	25.	37.5	215.	672.
01065	NICKEL, DISSOLVED (UG/L AS Ni)	01/02/75-08/30/77	21 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS Ni)	11/18/77-05/07/97	80 ##	25.	22.5	50.	10.	196.203	14.007	10.	10.	25.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG, DRY WGT)	11/02/90-02/21/96	7 ##	1.	1.214	2.5	1.	0.321	0.567	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	11/29/73-08/30/77	19 ##	50.	55.276	100.	0.25	524.784	22.908	50.	50.	50.	100.
01092	ZINC, TOTAL (UG/L AS Zn)	11/18/77-05/07/97	80	30.	66.063	700.	5.	9390.945	96.907	5.5	20.	90.	129.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS Zn DRY WGT)	11/02/90-02/21/96	7	9.3	13.514	37.	4.9	130.891	11.441	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS Al)	02/03/89-02/16/90	4	300.	367.5	610.	260.	26758.333	163.58	**	**	**	**
01360	SAMPLE LENGTH CM	06/02/94-06/03/94	3	49.	46.5	58.	32.5	167.25	12.933	**	**	**	**
01361	SAMPLE LENGTH-MAXIMUM CM	06/02/94-06/02/94	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01362	SAMPLE WEIGHT-MAXIMUM G	06/02/94-06/02/94	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/02/94-06/02/94	1	2040.	2040.	2040.	2040.	0.	0.	**	**	**	**
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	06/02/94-06/02/94	1	54.5	54.5	54.5	54.5	0.	0.	**	**	**	**
01372	SAMPLE, INDIVID BIOLOGICAL TISS. MIN. LENGTH CM	06/02/94-06/02/94	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	06/02/94-06/02/94	1	2320.	2320.	2320.	2320.	0.	0.	**	**	**	**
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	06/02/94-06/03/94	3	1250.	1230.	1940.	500.	518700.	720.208	**	**	**	**
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	06/11/71-08/18/71	3	24000.	27666.667	35000.	24000.	40333333.333	6350.853	**	**	**	**
31501	LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	06/11/71-08/18/71	3	4.38	4.435	4.544	4.38	0.009	0.095	**	**	**	**
31501	GM COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3				27216.368								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	06/11/71-04/09/93	11	1400.	25930.455	240000.	170.	5088189082.273	71331.543	182.	335.	6300.	196800.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	06/11/71-04/09/93	11	3.146	3.39	5.38	2.23	0.886	0.941	2.257	2.525	3.799	5.18
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)				2453.63								
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	235	375.	2581.104	240000.	0.5	256389302.712	16012.161	73.8	150.	1100.	4040.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	235	2.574	2.64	5.38	-0.301	0.477	0.691	1.868	2.176	3.041	3.606
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C				436.742								
31649	ENTEROCOCCI- ME-MF N0/100ML	07/23/97-07/23/97	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	07/23/97-07/23/97	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10				110.								
32101	BROMODICHLOROMETHANE, WHOLE WATER, UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE, WHOLE WATER, UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104	BROMOFORM, WHOLE WATER, UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106	CHLOROFORM, WHOLE WATER, UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR. (UG/L)	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR. (UG/L)	08/09/94-08/09/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE, SEDIMENTS, DRY WGT, UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/02/90-02/21/96	7##	1.	1.	1.	1.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	02/19/93-02/21/96	5##	10.	8.2	10.	1.	16.2	4.025	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/06/92	2##	10.	10.	10.	10.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/02/90-02/21/96	7##	1.	1.	1.	1.	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	06/02/94-06/03/94	4##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/02/90-02/21/96	7##	1.	1.	1.	1.	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	06/02/94-06/03/94	4##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/02/90-02/21/96	7##	1.	1.	1.	1.	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	06/02/94-06/03/94	4##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/02/90-02/21/96	7##	1.	1.	1.	1.	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	06/02/94-06/03/94	4##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	02/19/93-02/19/93	1##	150.	150.	150.	150.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	133.333	150.	50.	1666.667	40.825	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6##	10.	10.	10.	10.	0.	0.	**	**	**	**
34524	BENZO(GH)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/02/90-02/21/96	6##	150.	150.	150.	150.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34531	1,2-DICHLOROETHANE TOTWUG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34536	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34539	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34566	1,3-DICHLOROETHANE DRY WGTBOTUG/KG	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34569	1,3-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34571	1,4-DICHLOROETHANE DRY WGTBOTUG/KG	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34574	1,4-DICHLOROETHANE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	175.	300.	3750.	61.237	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/02/90-02/06/92	2 ##	150.	150.	150.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	02/19/93-02/19/93	1 ##	150.	150.	150.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISM/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTUG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	06/02/94-06/03/94	4 ##	0.003	0.003	0.003	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/02/90-02/21/96	6 ##	1.	1.	1.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE, SEDIMENT, DRY WGT, UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE, SEDIMENTS, DRY WGT, UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/02/90-02/06/92	2 ##	150.	150.	150.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/09/94-08/09/94	1 ##	1.	1.	1.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	0.	0.	**	**	**	**
39302	P,P' DDT IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	4 ##	0.003	0.003	0.003	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	1.	1.	1.	0.	0.	**	**	**	**
39307	O,P' DDT IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	4 ##	0.003	0.003	0.003	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.834	5.19	2.568	1.602	**	**	**	**
39312	P,P' DDD IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	4 ##	0.003	0.009	0.03	0.014	0.014	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	0.	0.	**	**	**	**
39322	P,P' DDE IN TISSUE WET WGT MG/KG	06/02/94-06/03/94	4	0.055	0.076	0.19	0.008	0.088	**	**	**	**
39325	O,P' DDD IN TISSUE WET WGT (UG/G)	06/02/94-06/03/94	4 ##	0.003	0.004	0.008	0.003	0.003	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	0.	0.	**	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/02/90-02/21/96	7 ##	1.	1.929	7.5	1.	6.036	2.457	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/02/90-02/21/96	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/02/94-06/03/94	4 ##	2.5	7.975	24.4	2.5	119.903	10.95	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/02/90-02/21/96	7 ##	1.	5.857	35.	1.	165.143	12.851	**	**	**	**
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/02/90-02/21/96	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/02/90-12/05/94	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/02/90-12/05/94	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/02/90-02/21/96	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	7 ##	150.	128.857	150.	2.	3129.143	55.939	**	**	**	**
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	06/02/94-06/03/94	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
39705	HEXACHLORO BUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-02/21/96	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
45651	PCB - 1262, TISSUE, WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/23/95-02/21/96	2	34.	34.	46.	22.	288.	16.971	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/02/90-02/21/96	6	2.	2.583	5.	0.5	2.642	1.625	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/18/75-06/02/76	13	0.02	0.028	0.09	0.01	0.001	0.023	0.01	0.015	0.03	0.078
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-08/18/71	3	24000.	27666.667	35000.	24000.	40333333.333	6350.853	**	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/11/71-08/18/71	3	4.38	4.435	4.544	4.38	0.009	0.095	**	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			27216.368								
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/11/71-06/11/71	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/07/97	113 ##	0.1	0.919	70.	0.025	43.245	6.576	0.1	0.1	0.25	0.82
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/02/90-02/21/96	7 ##	0.15	0.2	0.5	0.15	0.018	0.132	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/02/94-06/03/94	4 ##	0.243	0.408	1.02	0.125	0.179	0.423	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	4	0.45	0.55	1.2	0.1	0.23	0.48	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	4	6.55	7.65	12.	5.5	9.03	3.005	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/02/94-06/03/94	4 ##	0.15	0.175	0.3	0.1	0.009	0.096	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/02/94-06/03/94	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/11/74-07/20/77	14	13.27	13.34	14.62	11.85	0.759	0.871	12.115	12.648	14.368	14.57
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/02/90-02/21/96	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	11/02/90-02/21/96	6 ##	150.	175.	300.	150.	3750.	61.237	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/02/90-12/05/94	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**

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### Parameter Inventory for Station: COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/02/90-02/21/96	6 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/02/94-06/03/94	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE, WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/02/94-06/03/94	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	06/02/94-06/03/94	4 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	252	0.3	0.311	3.	0.3	0.029	0.17	0.3	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/02/90-12/05/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
82657	PHOSDRIN, WET WEIGHT, TISSUE UG/KG	06/02/94-06/03/94	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**

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### EPA Water Quality Criteria Analysis for Station: COSW0158

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	5	0.29	5	0	0.00	7	2	0.29	5	3	0.60		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	271	12	0.04	98	5	0.05	102	5	0.05	71	2	0.03		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	326	25	0.08	128	19	0.15	112	0	0.00	86	6	0.07		
00400	PH	Other-Hi Lim.	9.	291	0	0.00	111	0	0.00	106	0	0.00	74	0	0.00		
		Other-Lo Lim.	6.5	291	178	0.61	111	82	0.74	106	50	0.47	74	46	0.62		
00403	PH, LAB	Other-Hi Lim.	9.	261	0	0.00	100	0	0.00	90	0	0.00	71	0	0.00		
		Other-Lo Lim.	6.5	261	175	0.67	100	66	0.66	90	69	0.77	71	40	0.56		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	302	0	0.00	114	0	0.00	112	0	0.00	76	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00		
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		
		Drinking Water	5.	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	30	4	0.13	11	0	0.00	10	0	0.00	9	4	0.44		
01034	CHROMIUM, TOTAL	Drinking Water	100.	80	1	0.01	27	0	0.00	32	1	0.03	21	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	4 &	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00		
		Drinking Water	1300.	37	0	0.00	15	0	0.00	13	0	0.00	9	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	35 &	1	0.03	13	0	0.00	12	0	0.00	10	1	0.10		
		Drinking Water	1300.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	29 &	1	0.03	12	0	0.00	8	0	0.00	9	1	0.11		
		Drinking Water	15.	5 &	3	0.60	1	1	1.00	2	0	0.00	2	2	1.00		
01051	LEAD, TOTAL	Fresh Acute	82.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
		Drinking Water	15.	6 &	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	21	0	0.00	8	0	0.00	7	0	0.00	6	0	0.00		
		Drinking Water	100.	21	0	0.00	8	0	0.00	7	0	0.00	6	0	0.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
		Drinking Water	100.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00		
		Drinking Water	5000.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	80	9	0.11	27	5	0.19	32	1	0.03	21	3	0.14		
		Drinking Water	5000.	80	0	0.00	27	0	0.00	32	0	0.00	21	0	0.00		
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00	2	2	1.00				1	1	1.00		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	11	10	0.91	3	3	1.00	2	1	0.50	6	6	1.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

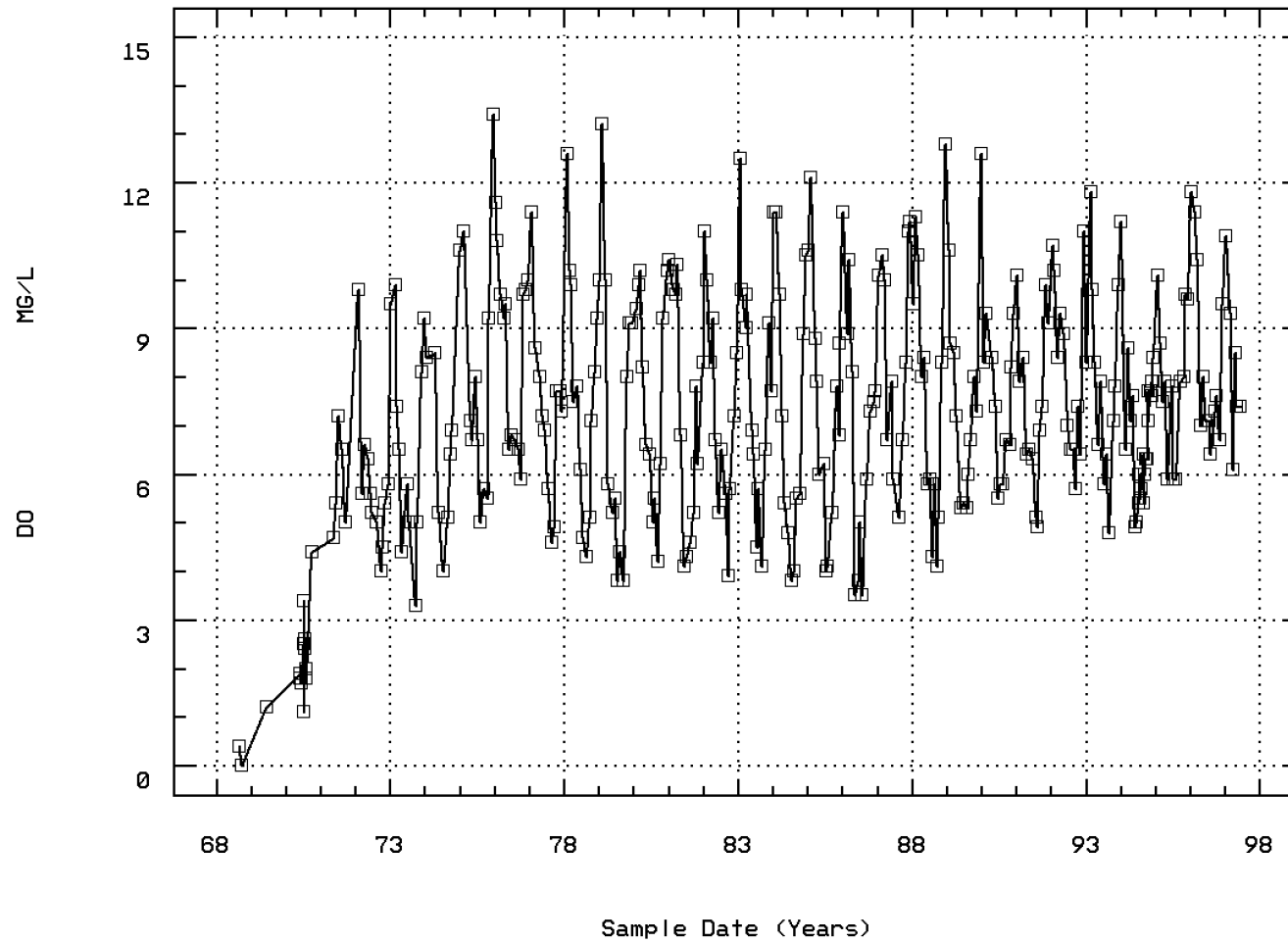
### EPA Water Quality Criteria Analysis for Station: COSW0158

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	235	156	0.66	89	71	0.80									
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim. 33.	1	1	1.00	1	1	1.00	86	44	0.51	60	41	0.68			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water 100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute 35200.	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water 100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water 100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute 28900.	1	0	0.00	1	0	0.00									
		Drinking Water 100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute 17500.	1	0	0.00	1	0	0.00									
		Drinking Water 1000.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water 100.	5	0	0.00	1	0	0.00	4	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute 32000.	1	0	0.00	1	0	0.00									
		Drinking Water 700.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water 5.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute 5280.	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water 7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water 200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water 5.	1	0	0.00	1	0	0.00									
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute 118000.	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water 600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water 5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water 100.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water 600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water 75.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water 2.	1	0	0.00	1	0	0.00									
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute 45000.	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute 2.4	113	4	0.04	42	1	0.02	41	3	0.07	30	0	0.00			
		Drinking Water 2.	113	5	0.04	42	1	0.02	41	3	0.07	30	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: COSW0158 Parameter Code: 00300

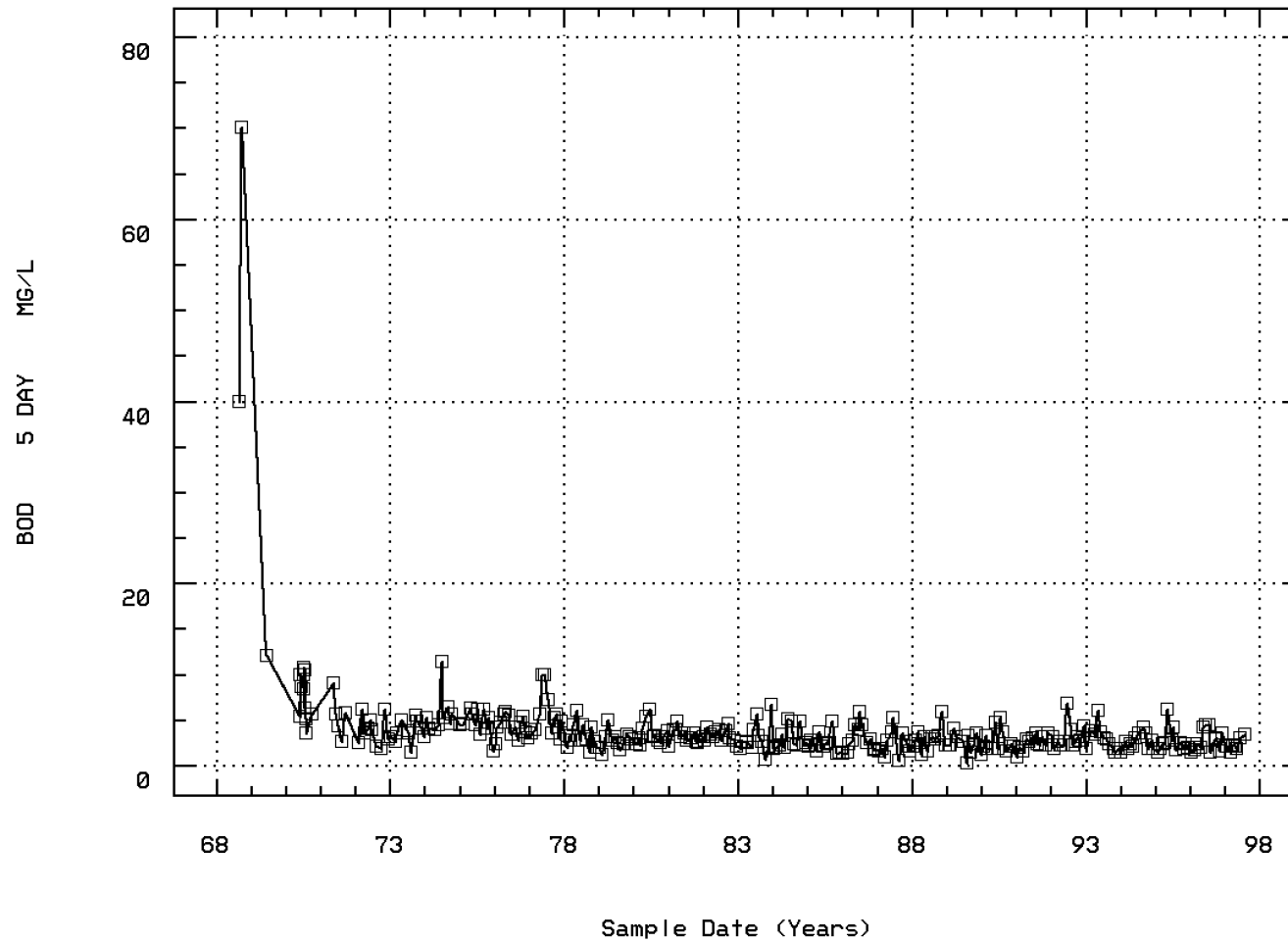
OXYGEN, DISSOLVED



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00310

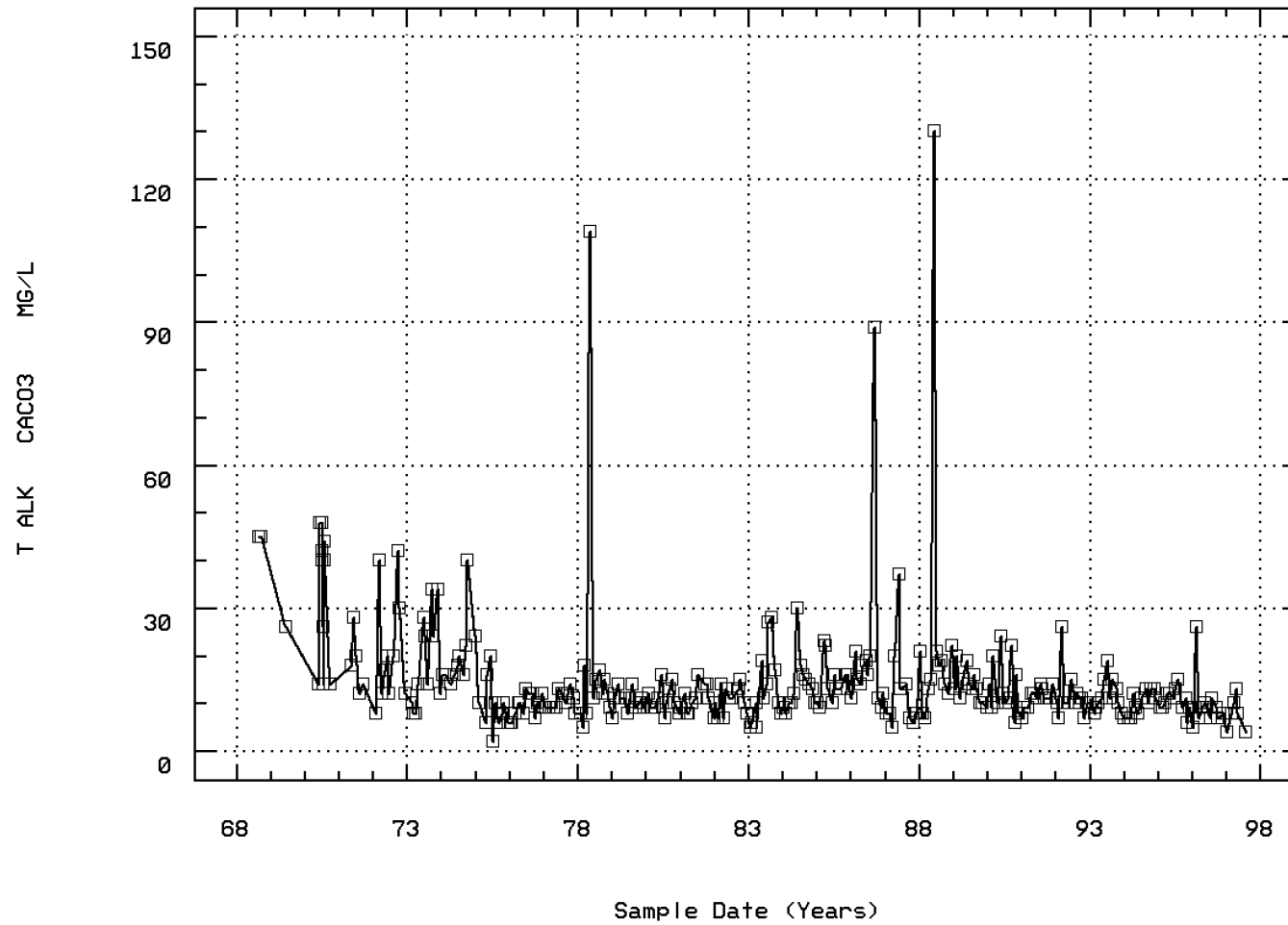
BOD, 5 DAY, 20 DEG C



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00410

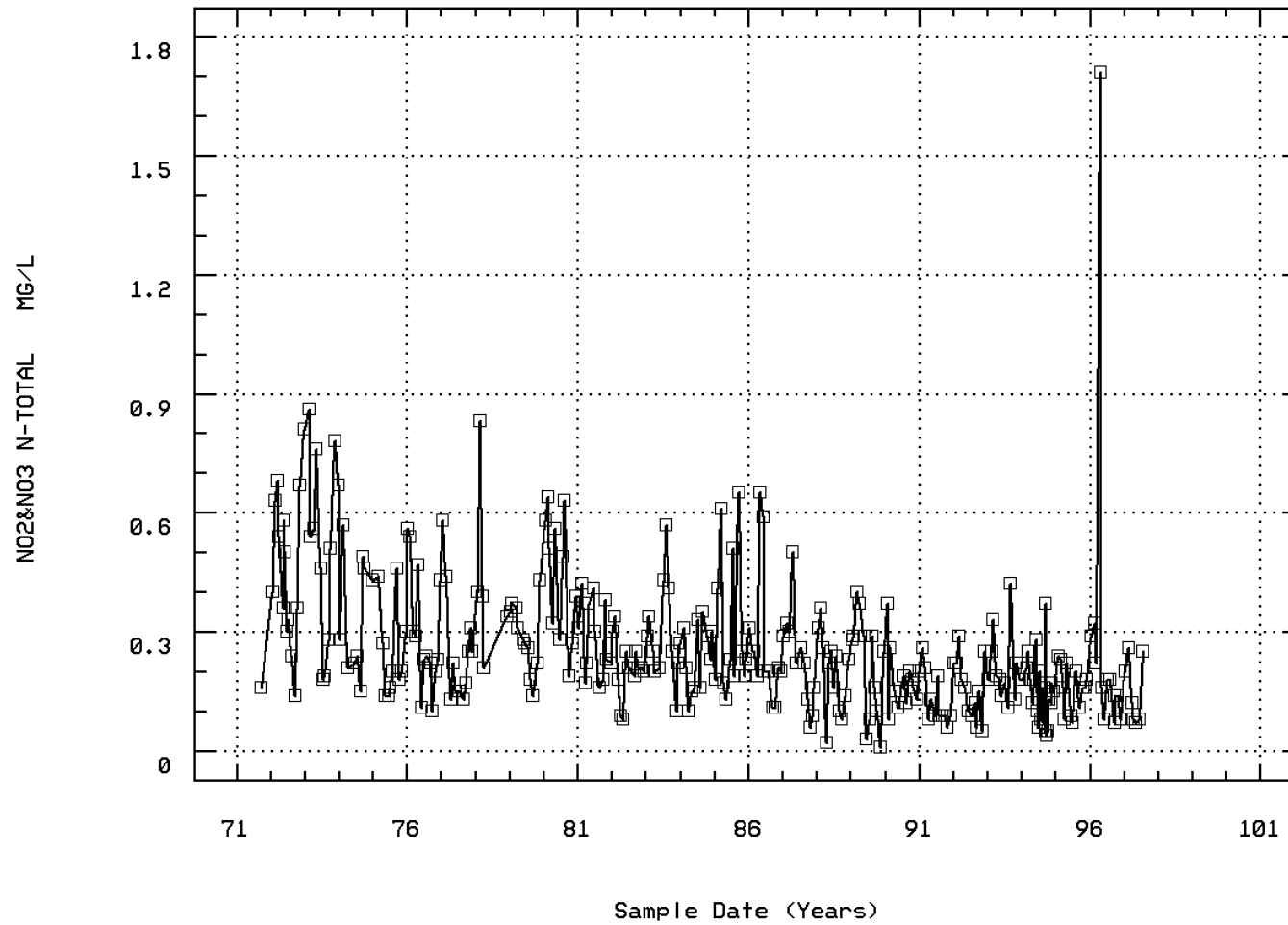
ALKALINITY, TOTAL (MG/L AS CaCO3)



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00630

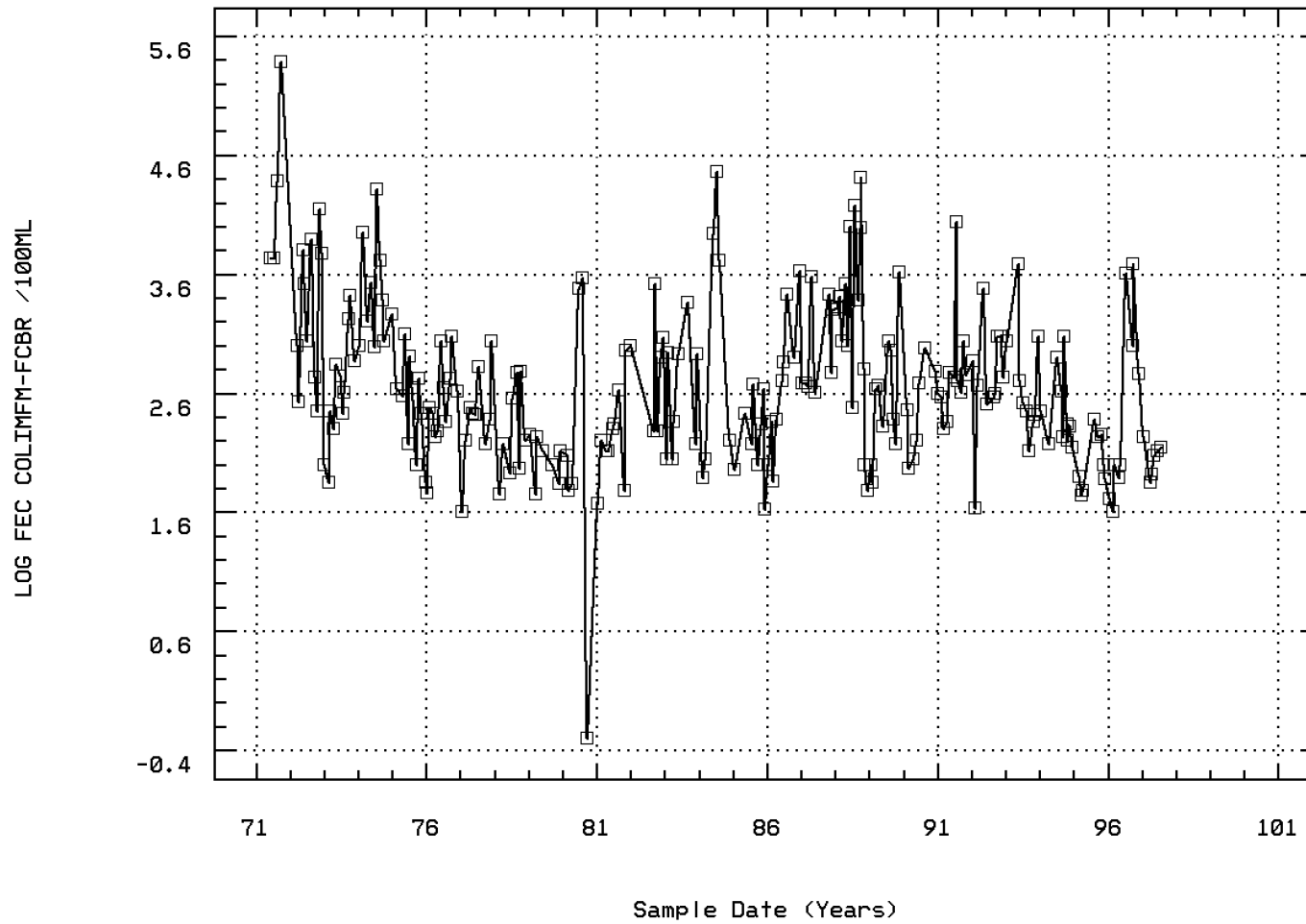
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



GILLS CK AT SC 48



### Annual Analysis for 1968 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	2	22.	22.	22.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	2	65.	65.	70.	50.	7.071	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	2	0.2	0.2	0.4	0.	0.08	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	2	55.	55.	70.	40.	450.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	2	6.95	6.95	7.	6.9	0.005	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	2	6.947	6.947	7.	6.9	0.005	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	2	0.113	0.113	0.126	0.1	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	2	45.	45.	45.	45.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1969 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	1	25.	25.	25.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	1	1.2	1.2	1.2	0.	0.	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	1	12.	12.	12.	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	1	6.8	6.8	6.8	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	1	6.8	6.8	6.8	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	1	0.158	0.158	0.158	0.	0.	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	1	26.	26.	26.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	24.5	24.364	27.	3.805	1.951	20.8	23.	26.	26.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	9	100.	88.889	120.	586.111	24.21	60.	65.	110.	120.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	2.	2.327	4.4	0.83	0.911	1.22	1.8	2.6	4.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	8.4	7.664	10.8	6.343	2.518	3.9	5.4	9.9	10.74
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.5	6.491	6.8	0.035	0.187	6.2	6.3	6.6	6.76
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.5	6.453	6.8	0.036	0.191	6.2	6.3	6.6	6.76
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.316	0.352	0.631	0.026	0.161	0.177	0.251	0.501	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	40.	31.273	48.	221.018	14.867	14.	14.	44.	48.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	5	24.	24.6	27.	3.425	1.851	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	5	140.	122.	160.	1820.	42.661	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	5	5.4	5.76	7.2	1.113	1.055	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	5	5.7	5.48	9.	5.557	2.357	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	5	6.3	6.36	6.8	0.108	0.329	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	5	6.3	6.262	6.8	0.12	0.346	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	5	0.501	0.547	1.259	0.158	0.179	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	5	18.	18.4	28.	38.8	6.229	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/23/97	1	0.16	0.16	0.16	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	4	14700.	68700.	240000.	5400.13118520000.	114536.108	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	4	4.056	4.306	5.38	3.732	0.606	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			20244.288							

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	18.	18.636	26.	7.	37.805	6.149	8.1	14.	24.	26.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	9	65.	78.889	160.	50.	1336.111	36.553	50.	57.5	95.	160.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	5.6	5.8	9.8	4.	2.306	1.519	4.1	5.	6.3	9.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	10	3.75	3.83	6.2	1.8	2.498	1.58	1.83	2.4	5.3	6.2
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	10	6.15	6.22	6.8	5.9	0.08	0.282	5.91	6.	6.425	6.77
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	10	6.147	6.151	6.8	5.9	0.085	0.291	5.91	6.	6.425	6.77
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	10	0.713	0.706	1.259	0.158	0.13	0.36	0.174	0.378	1.	1.233
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	10	18.5	21.3	42.	8.	145.789	12.074	8.4	12.	32.5	41.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	13	0.4	0.441	0.68	0.14	0.03	0.172	0.18	0.315	0.605	0.676
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	10	2200.	4065.5	14000.	280.	20092146.944	4482.426	285.5	488.75	6675.	13380.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	10	3.28	3.288	4.146	2.447	0.378	0.614	2.455	2.681	3.823	4.121
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1940.983								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	17.	16.909	26.	7.	49.691	7.049	7.4	9.	24.	26.
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	11	80.	90.	180.	40.	1575.	39.686	42.	55.	120.	168.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	6.5	6.736	9.9	3.3	5.025	2.242	3.52	5.	9.2	9.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	3.6	3.718	5.5	1.5	1.288	1.135	1.72	3.2	4.8	5.4
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	6	6.5	6.383	6.5	6.	0.042	0.204	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	6	6.5	6.336	6.5	6.	0.044	0.211	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	6	0.316	0.461	1.	0.316	0.075	0.274	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.15	6.275	7.	5.7	0.149	0.386	5.76	6.	6.65	6.91
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.147	6.14	7.	5.7	0.169	0.411	5.76	6.	6.65	6.91
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.713	0.724	1.995	0.1	0.299	0.546	0.13	0.229	1.	1.774
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	14.	19.091	34.	8.	100.291	10.015	8.	10.	28.	34.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.55	0.55	0.86	0.18	0.057	0.238	0.183	0.325	0.775	0.845
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	12	342.5	639.167	2650.	10.	606667.424	778.889	28.	125.	737.5	2359.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	12	2.527	2.479	3.423	1.	0.425	0.652	1.254	2.075	2.868	3.364
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			301.134								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	7	18.	20.143	26.	13.	26.476	5.146	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	7	12.	14.214	26.	9.	33.655	5.801	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	9	120.	107.778	130.	70.	694.444	26.352	70.	75.	130.	130.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	7	6.4	6.357	8.5	4.	2.923	1.71	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	9	5.2	5.656	11.4	3.9	5.26	2.294	3.9	4.25	6.	11.4
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	7	6.7	6.571	6.9	6.1	0.082	0.287	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	7	6.7	6.484	6.9	6.1	0.091	0.302	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	7	0.2	0.328	0.794	0.126	0.058	0.242	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	9	6.6	6.556	6.9	6.2	0.053	0.23	6.2	6.35	6.75	6.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	9	6.6	6.502	6.9	6.2	0.056	0.237	6.2	6.35	6.75	6.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	9	0.251	0.315	0.631	0.126	0.028	0.167	0.126	0.179	0.45	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	9	16.	19.778	40.	14.	63.444	7.965	14.	16.	21.	40.
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/23/97	8	0.26	0.328	0.57	0.15	0.024	0.156	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	2400.	5030.	20600.	970.	40965350.	6400.418	970.	1050.	7100.	20600.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	3.38	3.459	4.314	2.987	0.216	0.465	2.987	3.021	3.835	4.314
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			2875.255								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	7	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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### Annual Analysis for 1975 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	22.	20.545	28.	5.	54.473	7.381	6.	15.	26.	27.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	5	78.	65.	93.	34.	803.5	28.346	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	18.	19.682	33.	5.5	61.414	7.837	6.8	15.	25.	32.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	11	80.	120.	420.	40.	11560.	107.517	42.	50.	140.	368.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	7.1	8.082	13.4	5.	7.102	2.665	5.1	5.7	10.6	12.92
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	4.6	4.736	6.3	1.6	1.957	1.399	1.96	4.1	6.1	6.28
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.8	6.718	7.2	6.1	0.13	0.36	6.14	6.4	7.	7.18
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.8	6.581	7.2	6.1	0.15	0.388	6.14	6.4	7.	7.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	11	0.158	0.263	0.794	0.063	0.052	0.227	0.066	0.1	0.398	0.736
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.5	6.555	7.2	6.1	0.093	0.305	6.14	6.3	6.7	7.14
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.5	6.471	7.2	6.1	0.1	0.317	6.14	6.3	6.7	7.14
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.316	0.338	0.794	0.063	0.042	0.205	0.076	0.2	0.501	0.736
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	10.	10.727	24.	2.	44.218	6.65	2.8	6.	16.	23.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	6 ##	0.128	0.14	0.3	0.01	0.016	0.125	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	7	0.97	0.904	1.4	0.1	0.205	0.453	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/23/97	11	0.2	0.265	0.46	0.14	0.016	0.125	0.14	0.16	0.43	0.456
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	6 ##	0.068	0.064	0.1	0.025	0.001	0.035	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	11	433.	571.182	1850.	70.	297630.364	545.555	76.	150.	820.	1730.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	11	2.636	2.573	3.267	1.845	0.194	0.44	1.876	2.176	2.914	3.233
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			374.234								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	13	18.	16.231	25.	3.	52.526	7.247	4.2	10.5	23.	25.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	3	30.	31.333	47.	17.	226.333	15.044	**	**	**	**
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	13	20.	22.338	50.	3.4	166.289	12.895	6.44	12.5	32.	44.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	6	70.	83.333	140.	60.	866.667	29.439	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	13	9.5	8.669	11.6	5.9	3.644	1.909	6.14	6.6	9.9	11.28
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	13	4.2	4.269	5.9	2.4	1.377	1.174	2.52	3.2	5.45	5.82
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	13	6.9	6.777	7.3	5.7	0.199	0.446	5.98	6.5	7.1	7.3
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	13	6.9	6.505	7.3	5.7	0.279	0.528	5.98	6.5	7.1	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	13	0.126	0.313	1.995	0.05	0.269	0.518	0.05	0.082	0.316	1.356
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	13	6.5	6.531	7.6	6.1	0.126	0.354	6.18	6.35	6.6	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	13	6.5	6.446	7.6	6.1	0.133	0.365	6.18	6.35	6.6	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	13	0.316	0.358	0.794	0.025	0.033	0.182	0.116	0.251	0.45	0.677
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	13	10.	9.462	13.	6.	5.603	2.367	6.	7.5	12.	12.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	13	0.2	0.225	0.5	0.05	0.017	0.131	0.062	0.145	0.29	0.48
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	13	1.	1.095	2.	0.66	0.125	0.354	0.712	0.855	1.2	1.796

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### Annual Analysis for 1976 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	13	0.24	0.302	0.56	0.1	0.023	0.152	0.104	0.21	0.45	0.552
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	6	0.06	0.063	0.08	0.05	0.	0.014	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	11	300.	445.273	1200.	58.	139581.818	373.607	80.4	190.	530.	1180.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	11	2.477	2.513	3.079	1.763	0.14	0.374	1.857	2.279	2.724	3.072
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		325.9									
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	20.	17.636	27.	4.	50.855	7.131	5.4	13.	23.	26.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	3	29.	56.333	124.	16.	3476.333	58.96	**	**	**	**
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	18.	18.218	33.	5.9	80.814	8.99	6.42	10.	27.	32.4
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	7.3	7.273	11.4	4.6	3.508	1.873	4.66	5.7	8.	10.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	5.2	5.673	10.	2.9	6.028	2.455	3.02	3.6	7.2	10.
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	11	7.	6.773	7.2	6.2	0.114	0.338	6.22	6.5	7.	7.16
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	11	7.	6.646	7.2	6.2	0.132	0.363	6.22	6.5	7.	7.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	11	0.1	0.226	0.631	0.063	0.037	0.191	0.07	0.1	0.316	0.605
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.4	6.445	6.8	6.1	0.051	0.225	6.12	6.3	6.7	6.78
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.4	6.395	6.8	6.1	0.054	0.231	6.12	6.3	6.7	6.78
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.398	0.403	0.794	0.158	0.039	0.198	0.167	0.2	0.501	0.762
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	10.	10.545	14.	8.	3.873	1.968	8.2	9.	12.	13.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	10	0.22	0.2	0.26	0.11	0.003	0.053	0.111	0.15	0.243	0.259
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	10	1.085	1.131	1.85	0.64	0.16	0.4	0.651	0.75	1.455	1.827
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.22	0.253	0.58	0.13	0.02	0.143	0.13	0.15	0.31	0.552
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	10	0.07	0.086	0.22	0.015	0.003	0.056	0.019	0.058	0.12	0.21
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	260.	353.333	1100.	40.	107475.	327.834	40.	155.	480.	1100.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	2.415	2.394	3.041	1.602	0.165	0.406	1.602	2.19	2.648	3.041
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			247.798								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	15.5	15.25	25.	2.	51.659	7.187	3.2	11.	22.	24.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	4	27.5	28.25	44.	14.	224.25	14.975	**	**	**	**
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	6.95	13.9	55.	2.5	234.765	15.322	2.5	3.6	21.	46.6
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.65	7.717	12.6	4.3	6.163	2.483	4.42	5.35	9.725	11.88
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.85	3.242	6.	1.5	1.69	1.3	1.65	2.15	4.35	5.55
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.45	6.467	7.2	6.1	0.101	0.317	6.13	6.2	6.675	7.05
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.447	6.38	7.2	6.1	0.109	0.33	6.13	6.2	6.675	7.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.357	0.416	0.794	0.063	0.056	0.236	0.104	0.212	0.631	0.745
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.25	6.25	6.5	5.9	0.039	0.198	5.93	6.1	6.4	6.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.247	6.208	6.5	5.9	0.041	0.203	5.93	6.1	6.4	6.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.566	0.62	1.259	0.316	0.087	0.295	0.316	0.398	0.794	1.181
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	12.	19.917	109.	5.	802.447	28.327	5.9	8.25	16.5	81.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	5	0.22	0.189	0.32	0.025	0.015	0.124	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	5	0.74	0.656	0.86	0.31	0.045	0.211	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	5	0.39	0.434	0.83	0.21	0.055	0.234	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	5	0.05	0.059	0.14	0.025	0.002	0.047	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	8	155.	261.5	600.	56.	51056.857	225.958	**	**	**	**

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### Annual Analysis for 1978 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	8	2.19	2.265	2.778	1.748	0.156	0.395	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN = 184.171											
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1979 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	13.5	13.667	23.	3.	52.606	7.253	3.	7.	20.5	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	9	81.	79.889	148.	18.	1835.861	42.847	18.	43.5	109.5	148.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	11.2	14.608	45.	4.7	121.85	11.039	5.12	6.675	18.	37.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	6.9	7.325	13.2	3.8	9.015	3.002	3.8	4.6	9.775	12.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.8	2.775	5.	1.2	0.935	0.967	1.35	2.1	3.2	4.52
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.3	6.242	6.8	5.8	0.086	0.294	5.8	5.975	6.4	6.71
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.3	6.152	6.8	5.8	0.095	0.308	5.8	5.975	6.4	6.71
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.501	0.705	1.585	0.158	0.239	0.489	0.206	0.398	1.102	1.585
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.3	6.25	6.7	5.9	0.045	0.211	5.93	6.1	6.375	6.61
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.3	6.205	6.7	5.9	0.047	0.216	5.93	6.1	6.375	6.61
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.501	0.623	1.259	0.2	0.086	0.293	0.259	0.424	0.794	1.181
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	11.	10.5	14.	7.	4.455	2.111	7.3	9.	11.	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	11	0.05	0.095	0.31	0.025	0.008	0.089	0.025	0.025	0.13	0.284
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	6	0.52	0.622	1.51	0.2	0.223	0.472	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.28	0.288	0.43	0.14	0.008	0.087	0.148	0.22	0.36	0.418
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	11	0.07	0.067	0.1	0.03	0.	0.021	0.034	0.05	0.08	0.098
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	7	130.	119.286	180.	56.	2232.238	47.247	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	7	2.114	2.043	2.255	1.748	0.037	0.192	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			110.395								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1980 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	14.5	16.417	27.	6.	56.447	7.513	6.6	9.5	23.75	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	13	15.	15.846	29.	4.	73.308	8.562	4.8	7.	23.5	28.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	42.5	53.667	123.	10.	1794.97	42.367	10.3	16.	94.5	120.9
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	8.4	12.975	32.	1.	100.464	10.023	1.06	6.075	20.75	29.9
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.4	7.583	10.2	4.2	4.736	2.176	4.44	5.675	9.775	10.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	3.2	3.508	6.2	2.3	1.464	1.21	2.33	2.55	4.025	5.96
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.35	6.458	7.	6.2	0.077	0.278	6.2	6.225	6.675	6.97
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.347	6.392	7.	6.2	0.082	0.286	6.2	6.225	6.675	6.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.45	0.406	0.631	0.1	0.038	0.195	0.108	0.212	0.599	0.631
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.1	6.083	6.3	5.9	0.018	0.134	5.9	6.	6.175	6.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.1	6.065	6.3	5.9	0.018	0.135	5.9	6.	6.175	6.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.794	0.861	1.259	0.501	0.064	0.253	0.501	0.672	1.	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.	10.75	16.	7.	7.659	2.768	7.3	9.	12.75	15.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.2	0.197	0.37	0.025	0.012	0.111	0.025	0.095	0.293	0.349
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	9	0.3	0.36	1.	0.05	0.108	0.329	0.05	0.05	0.61	1.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.49	0.442	0.64	0.19	0.025	0.159	0.206	0.28	0.58	0.638
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.07	0.081	0.21	0.04	0.002	0.05	0.04	0.04	0.105	0.183
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	6	94.5	1158.25	3700.	0.5	2932700.575	1712.513	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	6	1.959	2.073	3.568	-0.301	1.997	1.413	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1980 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.417								
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	17.	16.25	27.	3.	48.932	6.995	4.5	12.25	21.25	26.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	18.5	17.75	33.	2.	75.841	8.709	3.5	11.	25.	30.9
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	40.	51.667	188.	5.	3878.606	62.278	5.3	8.	47.75	182.9
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	13.	12.482	30.	0.5	74.85	8.652	1.24	5.	17.	28.4
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.3	7.292	10.4	4.1	5.843	2.417	4.16	4.75	9.775	10.37
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	3.15	3.267	4.9	2.1	0.59	0.768	2.22	2.65	3.825	4.63
00400p PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.35	6.425	6.9	6.1	0.069	0.263	6.13	6.2	6.675	6.87
00400p CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.347	6.361	6.9	6.1	0.074	0.272	6.13	6.2	6.675	6.87
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.45	0.435	0.794	0.126	0.047	0.217	0.136	0.212	0.631	0.745
00403p PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.05	6.125	6.8	5.8	0.071	0.267	5.83	5.925	6.275	6.65
00403p CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.047	6.066	6.8	5.8	0.075	0.274	5.83	5.925	6.275	6.65
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.897	0.86	1.585	0.158	0.16	0.4	0.261	0.534	1.194	1.487
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	10.083	16.	1.	15.72	3.965	2.8	8.	13.5	15.4
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	10	0.65	0.653	1.3	0.15	0.174	0.417	0.151	0.258	0.99	1.29
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	1.24	1.503	4.2	0.68	0.957	0.978	0.686	0.94	1.56	3.69
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.265	0.281	0.42	0.16	0.009	0.096	0.163	0.19	0.378	0.417
00665p PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.14	0.222	1.	0.03	0.067	0.258	0.042	0.085	0.24	0.784
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	180.	326.7	1000.	47.	119186.678	345.234	48.3	112.5	540.	990.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	2.253	2.31	3.	1.672	0.196	0.443	1.683	2.03	2.706	2.995
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			204.324								
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	17.5	17.208	27.5	2.	63.43	7.964	4.1	10.75	24.5	26.75
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	20.75	18.542	29.5	0.	84.021	9.166	1.35	14.25	25.75	28.75
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	69.	74.75	209.	18.	3425.295	58.526	18.6	21.5	117.25	184.7
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	16.	15.273	25.	8.	30.018	5.479	8.	11.	20.	24.2
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	6.95	7.317	11.	3.9	4.496	2.12	4.29	5.625	9.025	10.7
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	3.3	3.342	4.6	2.1	0.524	0.724	2.28	2.725	3.875	4.48
00400p PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.35	6.333	6.5	6.1	0.022	0.15	6.13	6.2	6.5	6.5
00400p CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.347	6.31	6.5	6.1	0.023	0.152	6.13	6.2	6.5	6.5
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.45	0.49	0.794	0.316	0.028	0.168	0.316	0.316	0.631	0.745
00403p PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	5.95	6.05	6.6	5.8	0.072	0.268	5.8	5.9	6.225	6.57
00403p CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	5.947	5.99	6.6	5.8	0.076	0.275	5.8	5.9	6.225	6.57
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	1.129	1.023	1.585	0.251	0.202	0.45	0.271	0.626	1.259	1.585
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	10.	15.	1.	14.909	3.861	2.8	7.25	13.	14.7
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.43	0.544	1.4	0.13	0.141	0.376	0.16	0.285	0.82	1.28
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	1.02	1.133	3.	0.58	0.393	0.627	0.598	0.84	1.205	2.478
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.21	0.209	0.34	0.08	0.006	0.074	0.083	0.183	0.25	0.328
00665p PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.255	0.238	0.4	0.1	0.007	0.084	0.112	0.165	0.295	0.37
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	5	800.	1128.	3300.	190.	1646470.	1283.148	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	5	2.903	2.809	3.519	2.279	0.285	0.534	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			643.745								

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### Annual Analysis for 1983 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	18.	17.792	28.5	5.	59.339	7.703	5.9	11.	24.	28.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	19.75	17.375	28.	0.5	94.688	9.731	1.55	7.625	26.125	27.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	54.	104.667	422.	5.	14886.606	122.011	6.2	16.	175.	352.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	16.	23.25	60.	7.	300.023	17.321	7.6	12.5	29.25	58.5
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.3	7.658	12.5	4.1	6.004	2.45	4.22	5.875	9.55	11.69
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.6	3.042	6.7	0.7	2.799	1.673	1.03	2.025	3.825	6.37
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.4	6.358	6.6	6.	0.034	0.183	6.06	6.2	6.5	6.6
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.4	6.322	6.6	6.	0.035	0.187	6.06	6.2	6.5	6.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.398	0.477	1.	0.251	0.047	0.217	0.251	0.316	0.631	0.889
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.05	6.117	6.8	5.4	0.147	0.383	5.52	5.9	6.4	6.71
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.025	5.965	6.8	5.4	0.172	0.415	5.52	5.9	6.4	6.71
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.945	1.084	3.981	0.158	1.063	1.031	0.206	0.398	1.259	3.262
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	13.333	28.	5.	63.333	7.958	5.	6.5	18.5	27.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	11	0.21	0.294	0.65	0.08	0.036	0.191	0.094	0.15	0.35	0.646
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	11	0.66	1.058	2.9	0.39	0.773	0.879	0.412	0.52	1.4	2.84
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.25	0.297	0.57	0.1	0.017	0.132	0.12	0.21	0.41	0.542
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	11	0.09	0.35	3.	0.02	0.774	0.88	0.024	0.06	0.14	2.428
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	535.	680.	2300.	110.	548742.857	740.772	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	2.643	2.596	3.362	2.041	0.252	0.502	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			394.161								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	19.25	18.042	28.	7.	56.93	7.545	7.6	10.25	24.75	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	11	17.5	17.5	30.	5.	67.	8.185	5.3	11.	23.	29.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	11	37.	82.727	342.	18.	11468.418	107.091	18.4	26.	58.	322.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	12.5	18.283	71.	2.9	341.663	18.484	2.93	5.125	22.75	57.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	6.4	7.35	11.4	3.8	8.299	2.881	3.86	4.95	10.3	11.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.35	2.975	5.1	1.8	1.553	1.246	1.86	2.05	4.45	5.04
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.6	6.658	7.5	6.3	0.123	0.35	6.3	6.325	6.85	7.35
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.6	6.559	7.5	6.3	0.133	0.365	6.3	6.325	6.85	7.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.251	0.276	0.501	0.032	0.027	0.163	0.052	0.144	0.475	0.501
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.45	6.475	6.8	6.3	0.017	0.129	6.33	6.4	6.5	6.74
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.447	6.459	6.8	6.3	0.017	0.13	6.33	6.4	6.5	6.74
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.357	0.347	0.501	0.158	0.008	0.088	0.186	0.316	0.398	0.47
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	12.5	13.75	30.	8.	35.477	5.956	8.3	10.	15.75	26.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.375	0.767	3.3	0.13	1.077	1.038	0.133	0.225	0.485	3.09
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	11	0.98	1.237	4.1	0.42	1.066	1.033	0.428	0.75	1.21	3.668
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.25	0.238	0.35	0.1	0.007	0.082	0.115	0.16	0.308	0.344
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.115	0.115	0.23	0.06	0.002	0.046	0.063	0.073	0.138	0.203
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	6	2680.	7224.667	29000.	78.	126469786.667	11245.879	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	6	2.96	3.043	4.462	1.892	1.262	1.124	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1105.135								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	16.	16.042	25.	6.	39.612	6.294	6.9	9.875	21.75	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	19.	17.792	30.5	4.	55.112	7.424	5.8	11.25	22.375	29.15

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### Annual Analysis for 1985 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	11	24.	54.	265.	6.	5686.8	75.411	6.4	9.	60.	231.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	4.5	4.817	12.	1.5	8.294	2.88	1.65	2.3	6.	10.44
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.3	7.35	12.1	4.	6.128	2.476	4.03	5.4	8.775	11.65
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.15	2.333	4.9	1.	1.19	1.091	1.09	1.45	2.725	4.54
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.3	6.446	7.6	6.1	0.159	0.399	6.1	6.3	6.488	7.33
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.3	6.348	7.6	6.1	0.169	0.412	6.1	6.3	6.487	7.33
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.501	0.449	0.794	0.025	0.048	0.218	0.077	0.326	0.501	0.794
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.5	6.458	6.8	6.1	0.03	0.173	6.16	6.325	6.5	6.74
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.5	6.426	6.8	6.1	0.031	0.176	6.16	6.325	6.5	6.74
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.316	0.375	0.794	0.158	0.026	0.163	0.186	0.316	0.475	0.706
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	13.	14.5	23.	9.	19.545	4.421	9.3	10.75	16.	22.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.36	0.423	0.92	0.12	0.061	0.247	0.129	0.273	0.658	0.863
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.9	1.003	1.7	0.41	0.14	0.374	0.494	0.75	1.293	1.658
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.23	0.313	0.65	0.13	0.034	0.183	0.142	0.183	0.485	0.638
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.055	0.064	0.13	0.025	0.001	0.034	0.025	0.031	0.087	0.124
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	185.	221.5	470.	42.	25280.857	159.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	2.259	2.229	2.672	1.623	0.13	0.361	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			169.479								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	16.5	18.	28.	5.	53.455	7.311	6.8	12.625	25.125	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	20.	21.875	38.	11.	74.188	8.613	11.3	15.25	27.875	37.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	27.5	46.083	140.	5.	1927.902	43.908	6.5	20.25	63.75	135.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	11.	12.1	20.	5.	21.02	4.585	5.51	8.125	16.5	19.1
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.4	6.917	11.4	3.5	6.949	2.636	3.5	4.1	8.7	11.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.6	2.967	5.9	1.3	2.108	1.452	1.33	1.725	4.375	5.48
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.4	6.387	6.6	6.1	0.028	0.168	6.1	6.313	6.55	6.6
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.4	6.356	6.6	6.1	0.029	0.171	6.1	6.313	6.55	6.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.398	0.44	0.794	0.251	0.034	0.184	0.251	0.288	0.488	0.794
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.6	6.542	7.2	6.1	0.074	0.271	6.16	6.325	6.6	7.05
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.6	6.474	7.2	6.1	0.079	0.28	6.16	6.325	6.6	7.05
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.251	0.336	0.794	0.063	0.036	0.19	0.104	0.251	0.475	0.706
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	15.5	21.25	89.	9.	470.205	21.684	9.6	11.25	19.75	68.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.28	0.333	0.66	0.08	0.033	0.181	0.101	0.195	0.49	0.642
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.805	1.022	2.3	0.46	0.322	0.568	0.472	0.593	1.498	2.111
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.205	0.273	0.65	0.11	0.03	0.172	0.11	0.193	0.295	0.632
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.07	0.068	0.12	0.025	0.001	0.029	0.025	0.05	0.095	0.114
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	9	500.	1062.444	4200.	72.	2038123.778	1427.629	72.	165.	1750.	4200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	9	2.699	2.679	3.623	1.857	0.358	0.599	1.857	2.181	3.167	3.623
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			477.808								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	13.	15.5	25.	6.5	48.35	6.953	7.	10.	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	11	19.	18.318	28.	8.	38.814	6.23	8.8	12.	24.5	27.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	51.5	58.5	142.	18.	1483.909	38.522	18.	21.75	84.25	129.1

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### Annual Analysis for 1987 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	10	17.	16.9	24.	10.	27.211	5.216	10.	10.75	21.	24.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	8.3	8.491	11.2	5.1	4.755	2.181	5.26	6.7	10.5	11.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	2.1	2.382	5.2	0.5	1.846	1.359	0.58	1.6	3.5	4.9
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.45	6.564	7.5	5.95	0.166	0.407	6.01	6.3	6.8	7.36
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.45	6.425	7.5	5.95	0.187	0.432	6.01	6.3	6.8	7.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	11	0.355	0.376	1.122	0.032	0.089	0.298	0.057	0.158	0.501	1.01
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	11	6.5	6.345	7.	5.2	0.327	0.572	5.26	6.	6.7	6.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	11	6.5	5.941	7.	5.2	0.507	0.712	5.26	6.	6.7	6.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	11	0.316	1.146	6.31	0.1	3.712	1.927	0.105	0.2	1.	5.68
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	8.	12.182	37.	5.	86.764	9.315	5.2	7.	14.	33.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.195	0.265	0.66	0.025	0.034	0.185	0.063	0.165	0.318	0.639
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.695	0.754	1.25	0.33	0.065	0.255	0.384	0.575	0.972	1.178
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.22	0.232	0.5	0.06	0.015	0.124	0.066	0.13	0.3	0.464
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.07	0.074	0.12	0.05	0.	0.02	0.053	0.06	0.08	0.114
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	535.	1362.5	3800.	400.	1721450.	1312.04	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	8	2.726	2.963	3.58	2.602	0.162	0.403	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			917.483								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	13	17.	17.392	26.	7.	37.151	6.095	7.64	12.25	22.5	25.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	13	25.	22.654	30.	9.	41.474	6.44	11.4	17.	28.	29.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	81.	101.25	285.	7.	7700.386	87.752	11.2	25.25	175.75	258.9
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	19.	18.417	29.	12.	26.265	5.125	12.	13.5	20.	27.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	13	8.	7.677	12.8	4.1	7.727	2.78	4.18	5.45	10.	12.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.9	2.9	5.9	1.2	1.425	1.194	1.32	2.125	3.275	5.24
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.7	6.754	7.6	6.2	0.172	0.415	6.23	6.525	6.8	7.57
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.7	6.617	7.6	6.2	0.193	0.439	6.23	6.525	6.8	7.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.2	0.241	0.631	0.025	0.03	0.175	0.027	0.158	0.3	0.592
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.6	6.608	7.2	6.	0.121	0.348	6.06	6.35	6.8	7.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.6	6.485	7.2	6.	0.137	0.371	6.06	6.35	6.8	7.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.251	0.327	1.	0.063	0.072	0.268	0.068	0.158	0.455	0.889
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	16.5	25.	130.	7.	1118.	33.437	7.3	12.25	21.	97.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.305	0.32	0.75	0.025	0.039	0.198	0.057	0.148	0.455	0.678
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.82	0.812	1.03	0.58	0.02	0.142	0.604	0.695	0.92	1.021
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.225	0.198	0.36	0.02	0.01	0.099	0.038	0.11	0.258	0.345
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.08	0.093	0.17	0.06	0.001	0.03	0.063	0.073	0.108	0.155
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	14	2250.	5313.571	26000.	60.	56330301.648	7505.352	80.	547.5	9850.	20500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	14	3.351	3.237	4.415	1.778	0.622	0.788	1.889	2.719	3.993	4.296
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1724.764								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.525	3.	0.3	0.608	0.779	0.3	0.3	0.3	2.19

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	18.25	18.542	27.	2.	58.066	7.62	4.4	14.5	26.	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	23.	21.708	33.	4.5	73.384	8.566	7.05	14.5	27.75	32.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	12	48.	67.417	217.	12.	3390.447	58.228	13.8	25.25	104.5	186.7

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	18.5	20.75	40.	14.	53.295	7.3	14.3	15.25	25.	35.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.25	7.633	12.6	5.3	5.019	2.24	5.3	5.55	8.65	12.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	11	2.4	2.418	4.1	0.3	1.23	1.109	0.48	1.5	3.3	3.98
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	7.	6.917	7.4	6.3	0.129	0.36	6.33	6.625	7.225	7.37
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.989	6.776	7.4	6.3	0.151	0.388	6.33	6.625	7.225	7.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.103	0.168	0.501	0.04	0.022	0.148	0.043	0.06	0.238	0.47
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.6	6.608	6.9	6.3	0.032	0.178	6.33	6.5	6.775	6.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.6	6.575	6.9	6.3	0.033	0.182	6.33	6.5	6.775	6.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.251	0.266	0.501	0.126	0.012	0.11	0.136	0.169	0.316	0.47
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	13.	13.583	20.	9.	12.083	3.476	9.3	10.25	15.75	19.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.195	0.243	0.63	0.05	0.026	0.162	0.071	0.15	0.293	0.585
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.805	0.837	1.44	0.48	0.057	0.238	0.498	0.75	0.92	1.29
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.265	0.213	0.4	0.01	0.017	0.132	0.016	0.085	0.29	0.391
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.07	0.076	0.15	0.04	0.001	0.028	0.043	0.06	0.08	0.135
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	335.	776.1	4100.	71.	1482492.1	1217.576	73.9	137.5	950.	3800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	2.507	2.563	3.613	1.851	0.285	0.534	1.866	2.132	2.976	3.556
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			365.968								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	11	19.5	19.818	26.5	10.5	29.364	5.419	11.2	15.	26.	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	11	25.	23.864	30.	10.5	29.405	5.423	12.2	22.	28.	29.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	11	28.	38.636	120.	8.	1102.055	33.197	8.2	16.	63.	109.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	18.	25.455	65.	15.	242.473	15.572	15.2	16.	33.	60.4
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	11	7.4	7.391	9.3	5.5	1.953	1.397	5.56	5.8	8.4	9.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.1	2.733	5.3	1.6	1.522	1.234	1.66	1.825	3.6	5.12
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.75	6.695	7.9	5.6	0.389	0.623	5.7	6.3	6.9	7.81
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	11	6.75	6.335	7.9	5.6	0.532	0.729	5.7	6.3	6.9	7.81
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	11	0.178	0.463	2.512	0.013	0.513	0.716	0.017	0.126	0.501	2.168
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.55	6.6	7.2	6.1	0.084	0.289	6.16	6.425	6.775	7.11
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.547	6.518	7.2	6.1	0.091	0.302	6.16	6.425	6.775	7.11
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.284	0.303	0.794	0.063	0.039	0.196	0.082	0.169	0.378	0.706
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	11.5	13.5	24.	6.	33.727	5.808	6.6	9.25	19.	23.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	11	0.21	0.228	0.39	0.07	0.014	0.117	0.07	0.11	0.37	0.388
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	11	0.78	0.833	1.14	0.62	0.026	0.161	0.632	0.72	1.01	1.116
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	11	0.16	0.177	0.37	0.08	0.007	0.081	0.086	0.12	0.2	0.348
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	11	0.09	0.103	0.21	0.05	0.003	0.052	0.052	0.06	0.13	0.202
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	7	290.	384.714	960.	93.	101068.905	317.913	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	7	2.462	2.445	2.982	1.968	0.151	0.388	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			278.892								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	21.25	19.125	27.5	9.5	45.415	6.739	10.25	12.5	25.875	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	20.25	20.667	35.	9.5	74.561	8.635	9.65	12.	28.	32.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	8	113.5	124.875	219.	55.	3691.268	60.756	**	**	**	**

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### Annual Analysis for 1991 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	30.5	29.75	40.	18.	40.932	6.398	18.	28.	33.75	38.5
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.15	7.408	10.1	4.9	2.954	1.719	4.96	6.325	8.925	10.04
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.5	2.525	3.6	0.9	0.62	0.788	1.11	2.075	3.15	3.57
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.175	6.183	6.5	5.85	0.037	0.192	5.895	6.025	6.35	6.485
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.174	6.145	6.5	5.85	0.039	0.196	5.895	6.025	6.35	6.485
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.669	0.715	1.413	0.316	0.097	0.311	0.328	0.456	0.949	1.289
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	12	6.55	6.575	7.	6.4	0.022	0.148	6.43	6.5	6.6	6.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	12	6.547	6.556	7.	6.4	0.022	0.15	6.43	6.5	6.6	6.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	12	0.284	0.278	0.398	0.1	0.005	0.072	0.145	0.251	0.316	0.374
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	11.	11.167	14.	7.	4.333	2.082	7.6	9.5	12.75	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12	0.13	0.137	0.23	0.025	0.003	0.051	0.045	0.12	0.168	0.218
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	11	0.88	0.793	1.22	0.25	0.11	0.332	0.288	0.44	1.09	1.206
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.09	0.132	0.26	0.06	0.004	0.065	0.066	0.09	0.198	0.245
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.085	0.079	0.12	0.01	0.001	0.028	0.022	0.07	0.098	0.114
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	11	500.	1443.636	11000.	200.	10103025.455	3178.526	206.	370.	590.	9020.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	11	2.699	2.769	4.041	2.301	0.218	0.467	2.313	2.568	2.771	3.841
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			587.277								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	17.25	17.208	28.	6.	64.794	8.049	6.3	9.25	25.625	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	18.5	18.583	35.	1.	119.538	10.933	2.5	8.75	27.75	34.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	3	137.	129.	149.	101.	624.	24.98	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	38.	34.417	50.	12.	133.538	11.556	14.4	23.75	40.	49.7
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.9	8.167	11.	5.7	3.379	1.838	5.91	6.5	9.975	10.91
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.65	3.158	6.8	1.9	1.826	1.351	1.99	2.3	3.775	6.05
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.5	6.546	7.2	6.15	0.081	0.284	6.18	6.325	6.688	7.095
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.5	6.474	7.2	6.15	0.086	0.294	6.18	6.325	6.687	7.095
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.316	0.336	0.708	0.063	0.033	0.183	0.087	0.206	0.475	0.664
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	9	6.6	6.711	7.1	6.5	0.036	0.19	6.5	6.6	6.85	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	9	6.6	6.679	7.1	6.5	0.037	0.193	6.5	6.6	6.85	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	9	0.251	0.209	0.316	0.079	0.006	0.075	0.079	0.142	0.251	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.	11.583	26.	7.	24.992	4.999	7.	10.	11.75	22.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	6	23.	31.833	77.	15.	515.767	22.71	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12 ##	0.025	0.044	0.14	0.025	0.001	0.035	0.025	0.025	0.058	0.122
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.8	0.748	1.02	0.28	0.049	0.222	0.343	0.57	0.93	1.011
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.155	0.158	0.29	0.05	0.006	0.077	0.053	0.093	0.22	0.278
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.065	0.073	0.13	0.02	0.001	0.03	0.029	0.053	0.098	0.124
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	500.	827.3	3000.	43.	721632.9	849.49	70.7	357.5	1200.	2820.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	2.698	2.72	3.477	1.633	0.236	0.486	1.721	2.552	3.079	3.437
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			525.24								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	18.	17.958	29.	5.	63.93	7.996	5.75	11.5	25.875	28.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	20.5	20.333	35.	4.	94.242	9.708	4.9	13.75	29.	34.4

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### Annual Analysis for 1993 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	11	74.	90.909	247.	8.	6537.291	80.854	9.4	20.	165.	235.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	26.	33.583	110.	10.	722.629	26.882	11.5	15.5	40.25	92.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.85	7.875	11.8	4.8	3.795	1.948	5.1	6.45	9.425	11.23
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.95	3.	6.	1.5	1.604	1.266	1.59	1.825	3.775	5.34
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.575	6.567	8.05	5.7	0.341	0.584	5.805	6.2	6.7	7.72
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.557	6.314	8.05	5.7	0.41	0.64	5.805	6.2	6.7	7.72
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.277	0.485	1.995	0.009	0.291	0.54	0.04	0.2	0.631	1.664
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	11.583	19.	8.	10.992	3.315	8.	9.25	14.5	17.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	11	18.	19.636	58.	6.	186.655	13.662	7.	12.	20.	51.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12 ##	0.025	0.051	0.12	0.025	0.001	0.035	0.025	0.025	0.08	0.114
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.895	0.867	1.35	0.44	0.078	0.279	0.446	0.613	1.075	1.284
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.18	0.208	0.42	0.11	0.008	0.089	0.116	0.148	0.243	0.393
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.065	0.068	0.16	0.01	0.002	0.042	0.013	0.035	0.087	0.148
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	9	330.	982.222	4800.	130.	2198994.444	1482.901	130.	245.	1150.	4800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	9	2.519	2.707	3.681	2.114	0.232	0.482	2.114	2.388	3.06	3.681
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			509.683								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	22	19.75	19.523	29.	5.	35.583	5.965	11.45	16.	25.	26.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	21	20.	21.095	33.	1.	59.29	7.7	12.2	16.25	27.25	30.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	9	119.	181.111	488.	50.	20725.111	143.962	50.	80.5	281.5	488.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	17.5	28.383	100.	8.6	783.145	27.985	9.02	11.25	29.	91.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	22	6.45	6.832	11.2	4.9	2.149	1.466	5.12	5.65	7.7	8.54
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.5	2.592	4.2	1.5	0.679	0.824	1.59	1.9	3.375	3.99
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	22	6.2	6.161	7.1	5.4	0.172	0.415	5.46	5.938	6.325	6.77
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	22	6.2	5.979	7.1	5.4	0.207	0.455	5.46	5.937	6.325	6.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	22	0.631	1.05	3.981	0.079	1.186	1.089	0.171	0.475	1.156	3.54
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	10.083	13.	7.	5.902	2.429	7.	7.25	12.75	13.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	21	13.	13.619	33.	2.	68.848	8.297	5.2	7.5	18.	30.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	22 ##	0.025	0.04	0.12	0.025	0.001	0.033	0.025	0.025	0.025	0.117
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	22	0.645	0.677	1.04	0.41	0.024	0.155	0.502	0.548	0.77	0.922
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	22	0.15	0.149	0.37	0.04	0.007	0.082	0.05	0.078	0.185	0.271
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	22	0.06	0.064	0.19	0.02	0.001	0.035	0.03	0.04	0.073	0.097
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	215.	374.	1200.	140.	124093.333	352.269	141.	157.5	507.5	1160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	10	2.332	2.446	3.079	2.146	0.103	0.322	2.149	2.197	2.685	3.062
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			279.489								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	22	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	19.	17.708	27.	6.	54.066	7.353	6.9	9.625	24.625	26.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	24.5	20.25	31.	7.	74.023	8.604	7.6	12.25	27.25	30.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	12	12.	15.833	31.	10.	48.879	6.991	10.3	11.	20.75	29.5
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.9	7.908	10.1	5.9	2.163	1.471	5.9	6.3	9.375	9.98
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.4	2.658	6.2	1.5	1.739	1.319	1.56	1.825	2.725	5.6
00400p	PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.12	6.225	6.6	5.8	0.106	0.326	5.83	5.913	6.587	6.6
00400p	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.113	6.123	6.6	5.8	0.118	0.343	5.83	5.913	6.587	6.6

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.771	0.754	1.585	0.251	0.238	0.488	0.251	0.259	1.225	1.487
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	12	10.5	10.5	15.	6.	5.545	2.355	6.9	9.	12.	14.4
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	12	14.	14.667	37.	7.	63.152	7.947	7.3	9.25	16.	31.6
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12 ##	0.025	0.066	0.36	0.025	0.01	0.099	0.025	0.025	0.059	0.294
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.745	0.754	1.18	0.44	0.055	0.235	0.446	0.568	0.923	1.153
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.16	0.158	0.24	0.07	0.004	0.059	0.073	0.095	0.215	0.237
00665p PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.07	0.071	0.14	0.01	0.001	0.036	0.016	0.043	0.09	0.131
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	8	90.	120.	240.	55.	4621.429	67.981	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	8	1.952	2.02	2.38	1.74	0.057	0.239	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			104.791								
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	12	19.25	18.375	27.	9.	44.688	6.685	9.3	10.25	23.75	26.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	12	21.5	22.5	31.	11.	35.364	5.947	12.5	18.5	27.5	30.7
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	11	17.	20.473	50.	5.2	182.658	13.515	6.16	11.	30.	47.2
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	12	7.45	8.358	11.8	6.4	3.635	1.907	6.49	7.025	10.175	11.68
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	12	2.65	2.758	4.4	1.4	1.35	1.162	1.43	1.625	4.05	4.4
00400p PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.44	6.601	8.2	5.8	0.408	0.639	5.89	6.205	6.84	7.945
00400p CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	12	6.44	6.345	8.2	5.8	0.479	0.692	5.89	6.205	6.84	7.945
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	12	0.363	0.452	1.585	0.006	0.182	0.426	0.018	0.155	0.63	1.348
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	11	9.	9.818	26.	5.	31.564	5.618	5.4	7.	10.	23.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	12	16.5	16.25	28.	6.	51.295	7.162	6.9	9.25	21.75	27.4
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	12 ##	0.025	0.048	0.15	0.025	0.002	0.046	0.025	0.025	0.051	0.147
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	12	0.735	0.768	1.21	0.51	0.041	0.202	0.525	0.61	0.923	1.147
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	12	0.17	0.298	1.71	0.07	0.204	0.452	0.073	0.095	0.273	1.293
00665p PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	12	0.06	0.056	0.1	0.01	0.001	0.029	0.01	0.033	0.078	0.097
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	100.	1194.222	4800.	40.	3446378.694	1856.442	40.	64.	2500.	4800.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	9	2.	2.471	3.681	1.602	0.654	0.809	1.602	1.797	3.301	3.681
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			296.093								
82048p DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	6	17.	14.8	20.	6.5	28.58	5.346	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	6	18.5	17.667	23.	12.	19.067	4.367	**	**	**	**
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	7	16.	14.729	20.	9.1	14.382	3.792	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	6	7.95	8.267	10.9	6.1	2.851	1.688	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	7	2.1	2.3	3.4	1.4	0.46	0.678	**	**	**	**
00400p PH (STANDARD UNITS)	11/08/72-06/10/97	6	6.155	6.278	7.37	5.6	0.538	0.734	**	**	**	**
00400p CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	6	5.966	5.922	7.37	5.6	0.691	0.831	**	**	**	**
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	6	1.081	1.198	2.512	0.043	1.336	1.156	**	**	**	**
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	7	8.	6.857	13.	1.	16.81	4.1	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	7	14.	16.571	30.	9.	57.619	7.591	**	**	**	**
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	7	0.12	0.171	0.37	0.025	0.018	0.134	**	**	**	**
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	7	0.7	0.759	1.14	0.63	0.032	0.178	**	**	**	**
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	7	0.12	0.151	0.26	0.07	0.007	0.083	**	**	**	**
00665p PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	7	0.05	0.051	0.07	0.03	0.	0.013	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

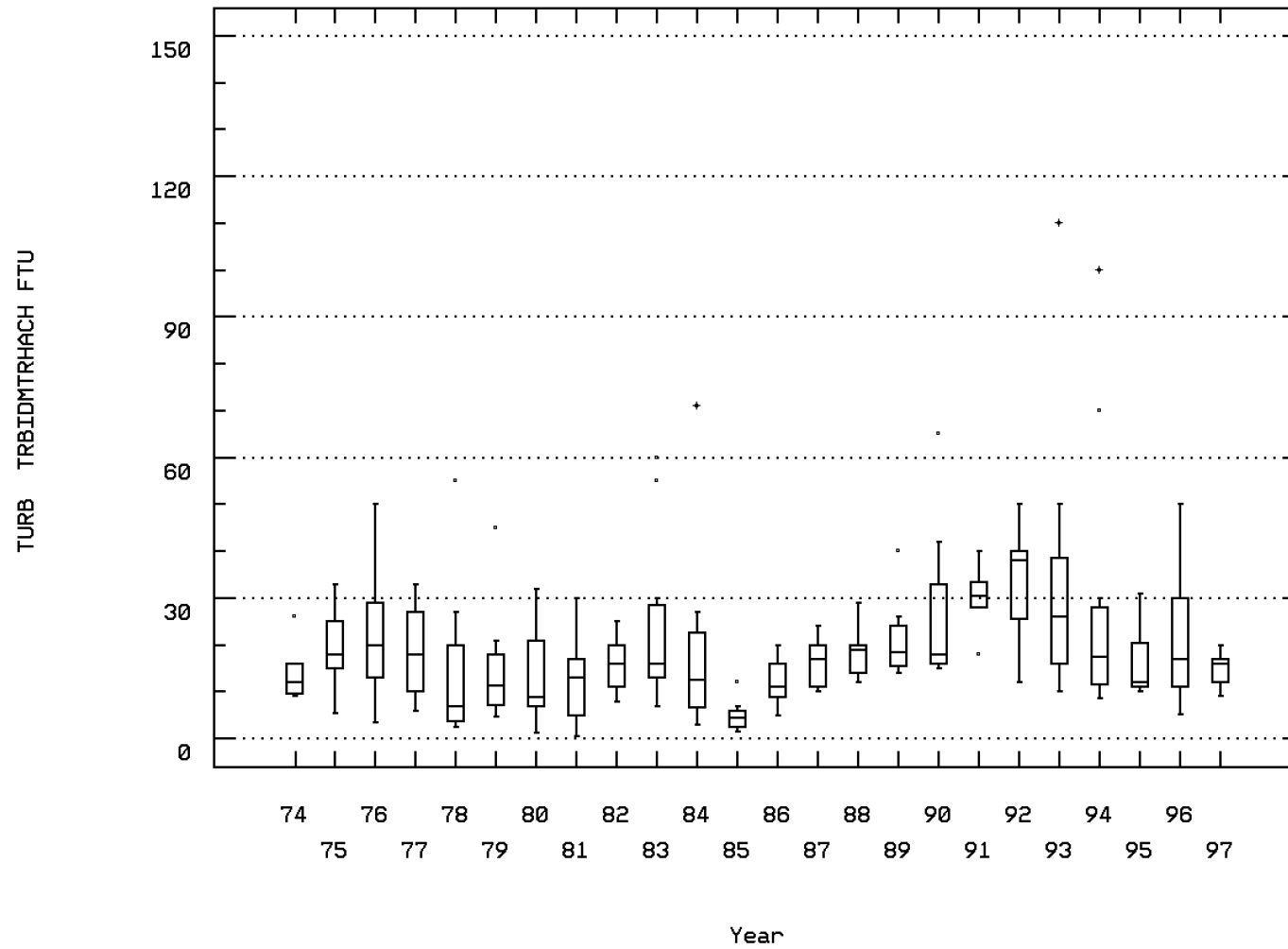
### Annual Analysis for 1997 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	6	125.	118.833	170.	70.	1372.167	37.043	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	6	2.097	2.056	2.23	1.845	0.021	0.145	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			113.67								
82048p	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0158 Parameter Code: 00076

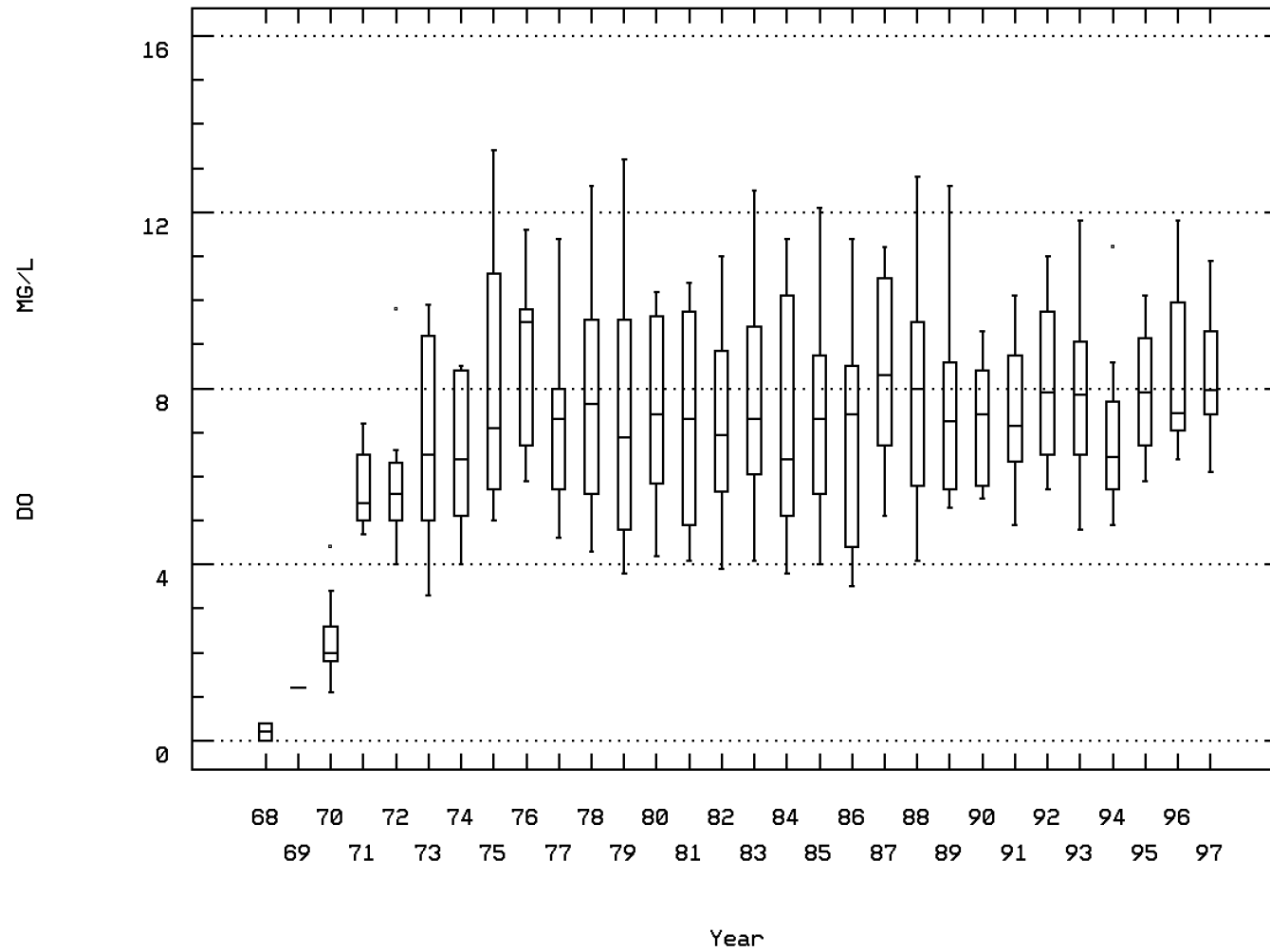
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00300

OXYGEN, DISSOLVED

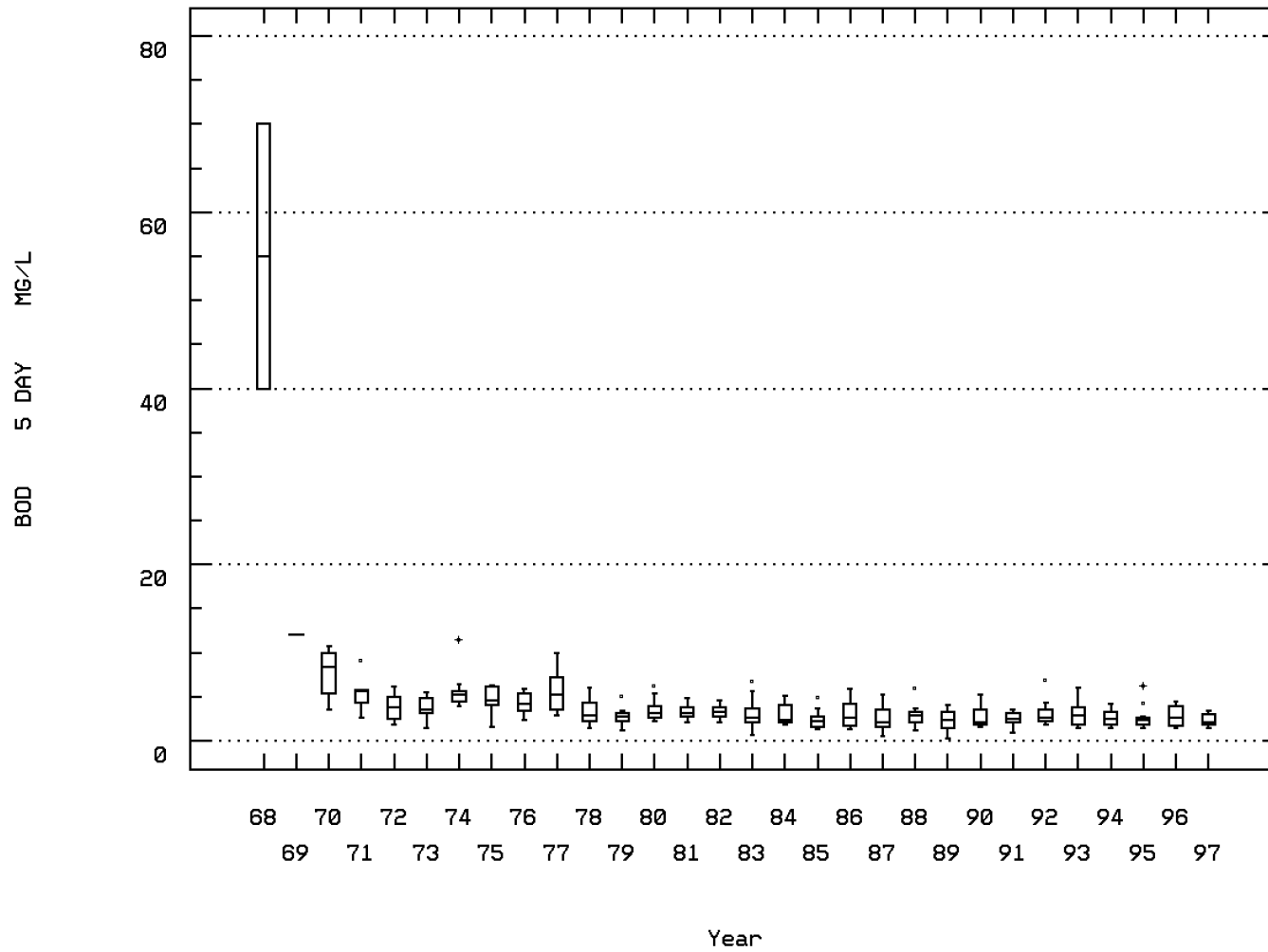


GILLS CK AT SC 48



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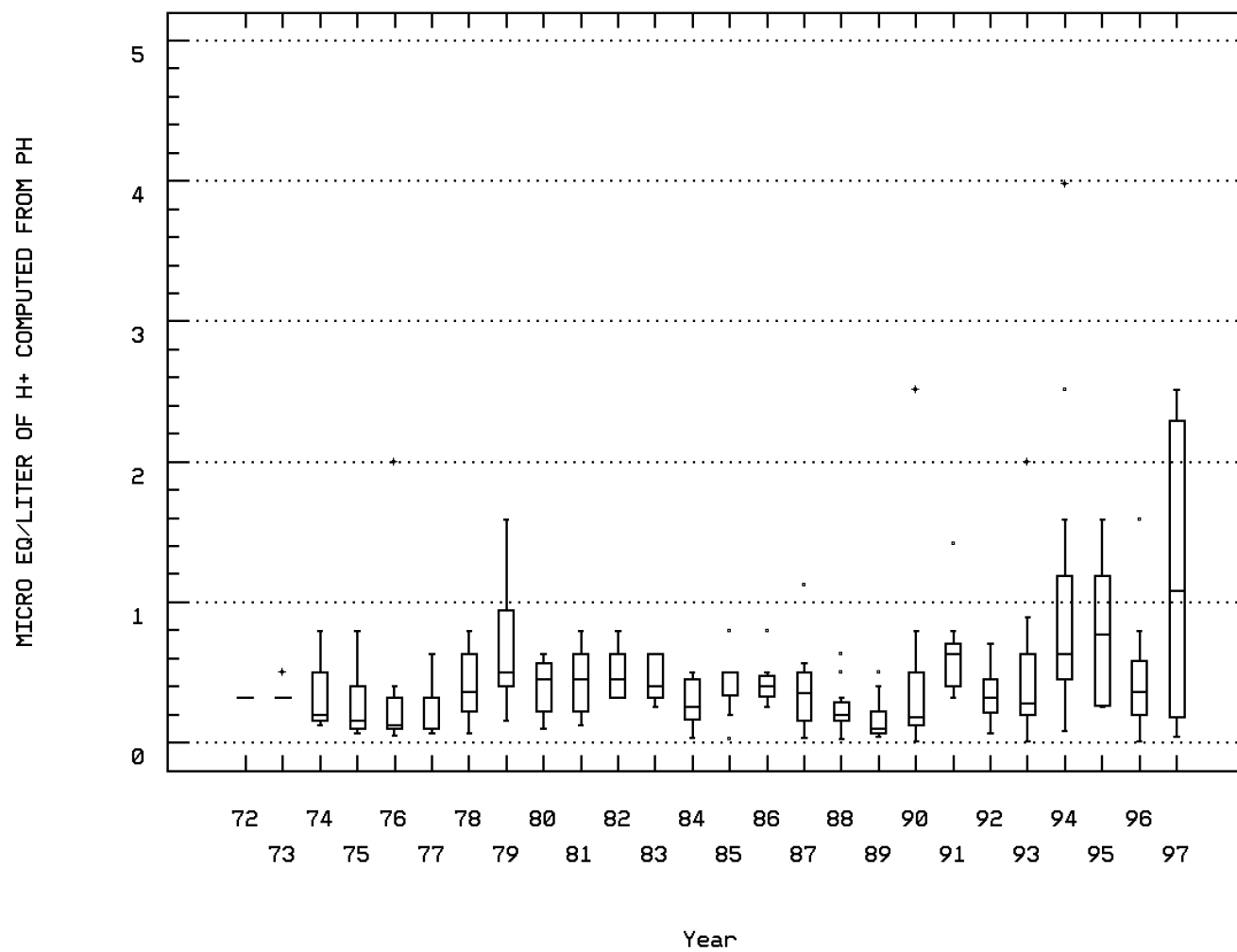
BOD, 5 DAY, 20 DEG C



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00400

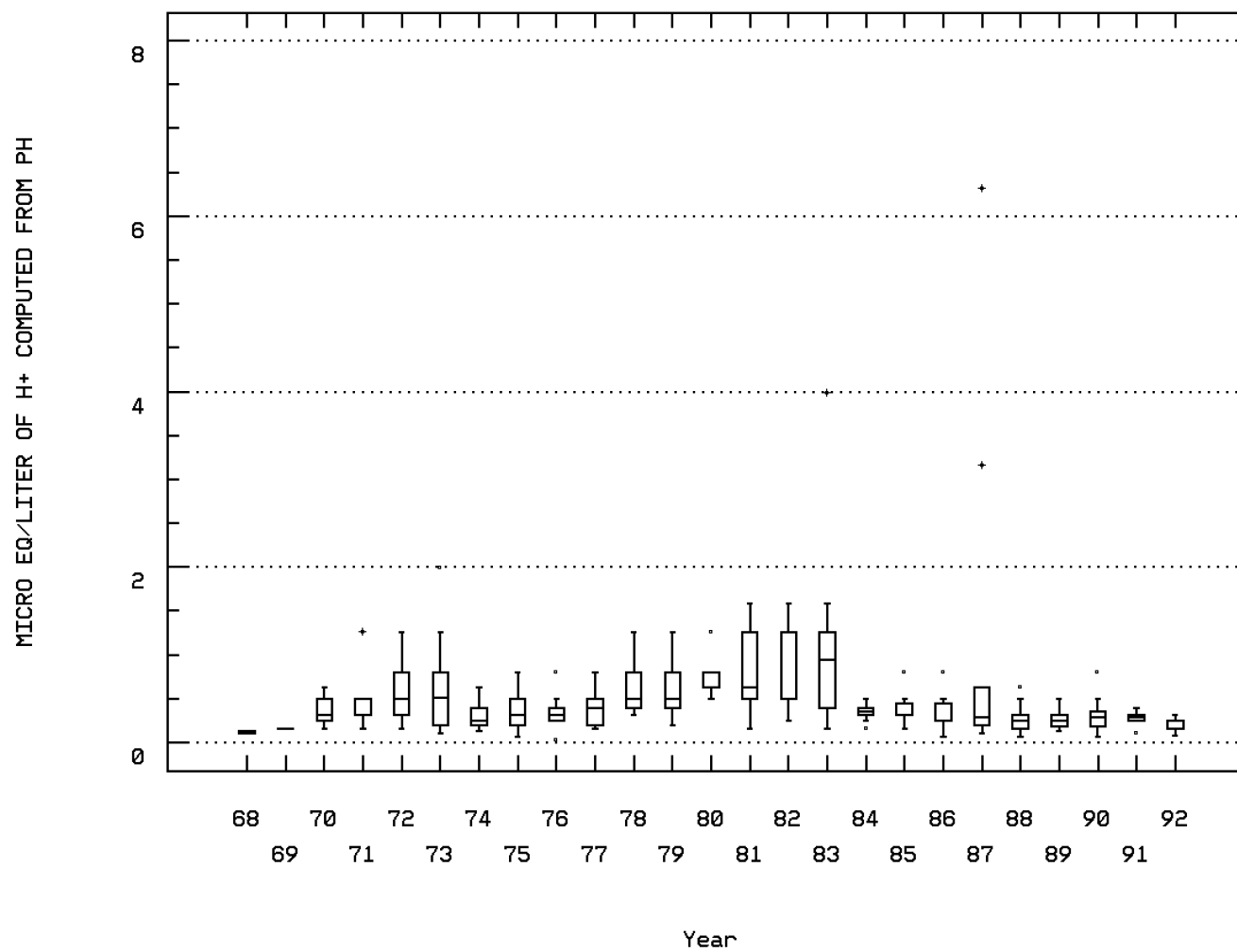
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00403

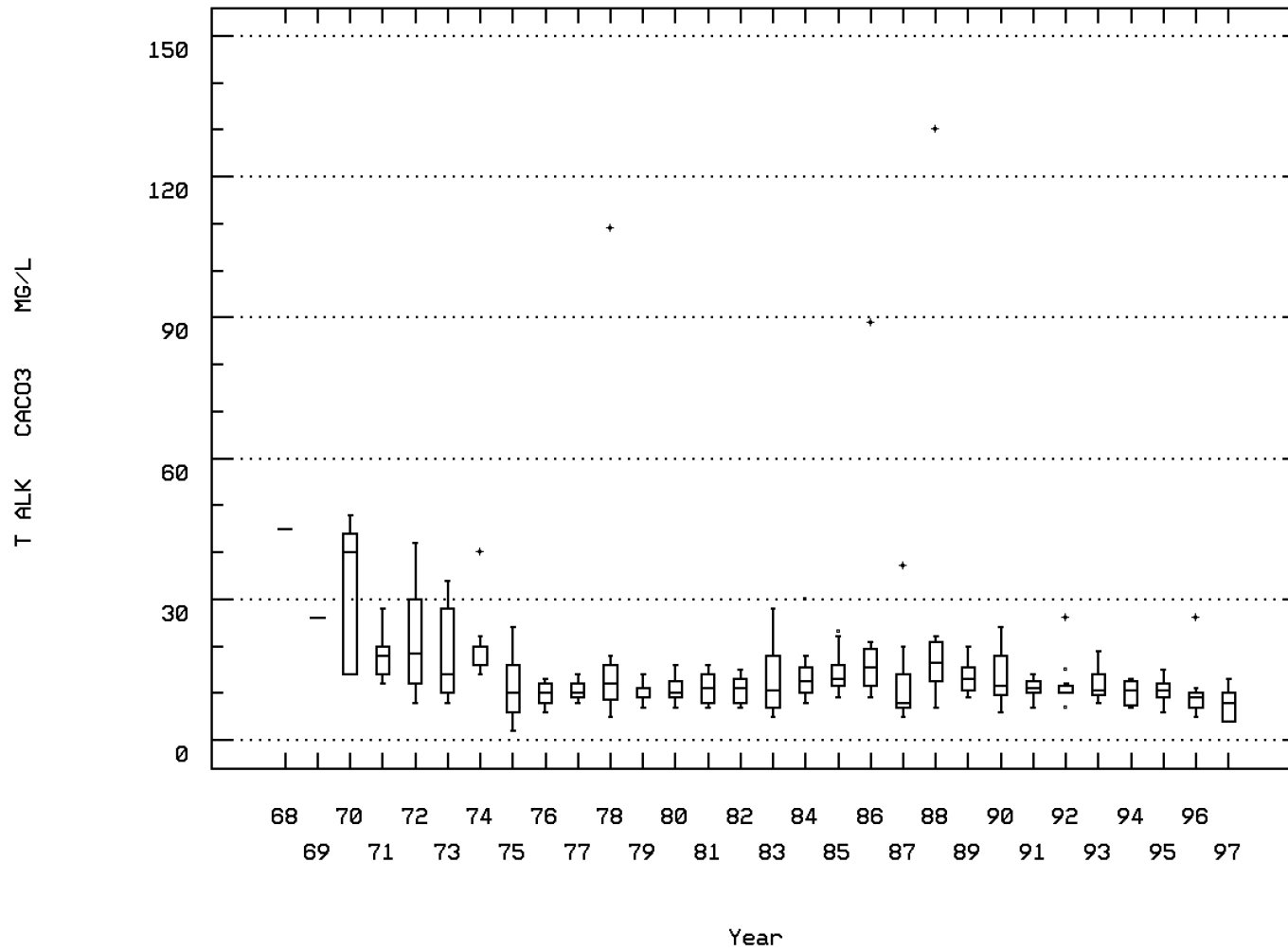
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00410

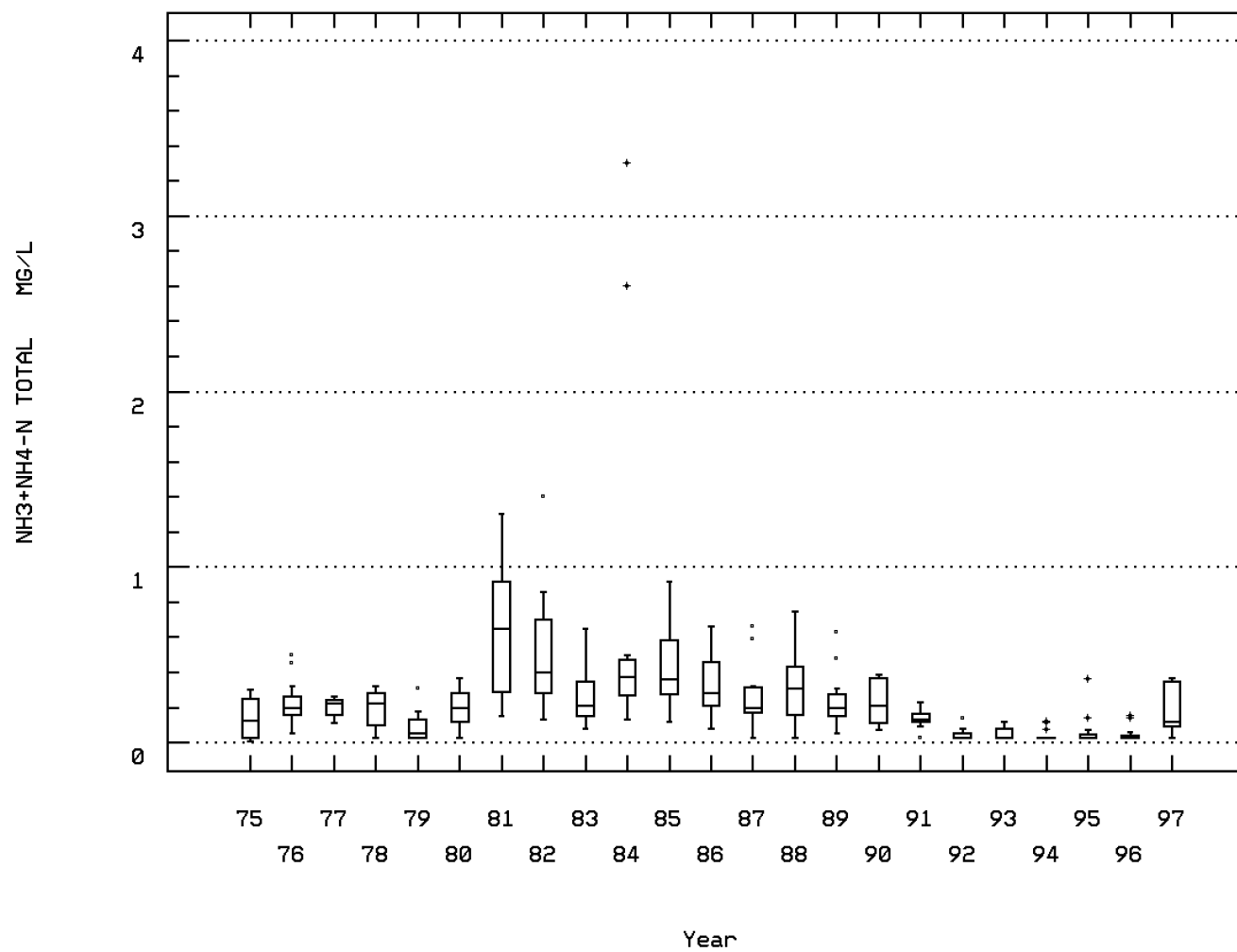
ALKALINITY, TOTAL (MG/L AS CaCO3)



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00610

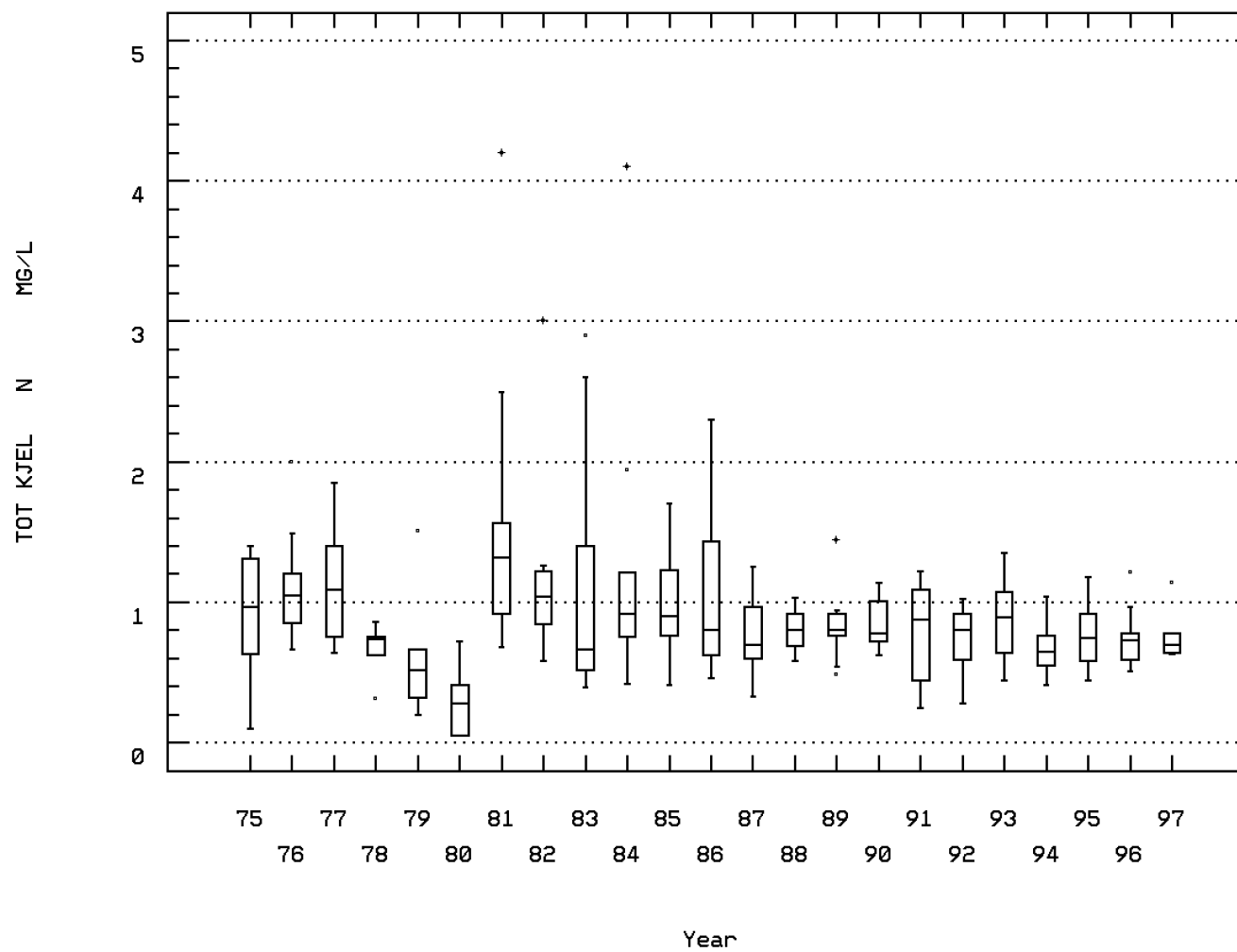
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00625

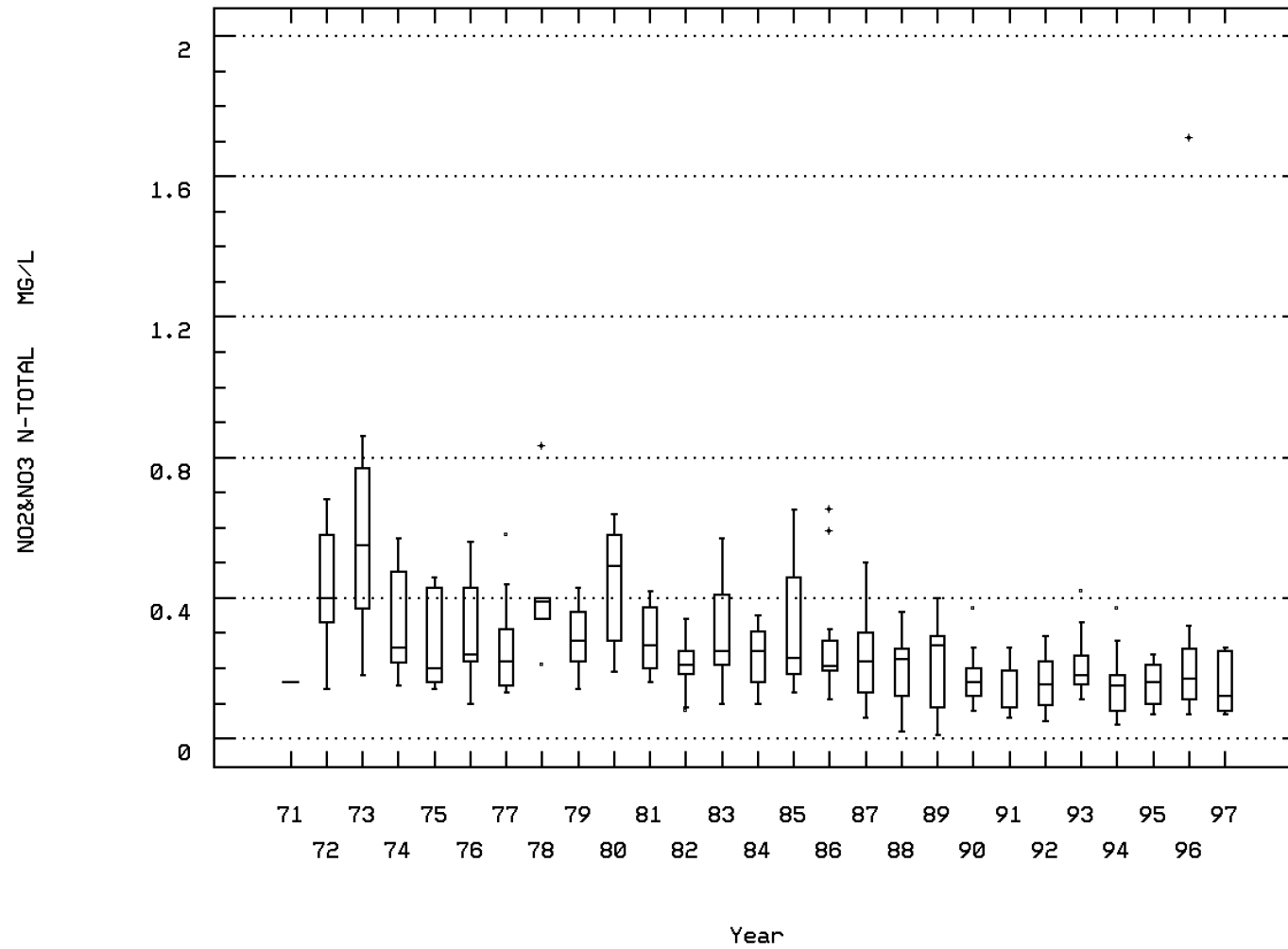
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00630

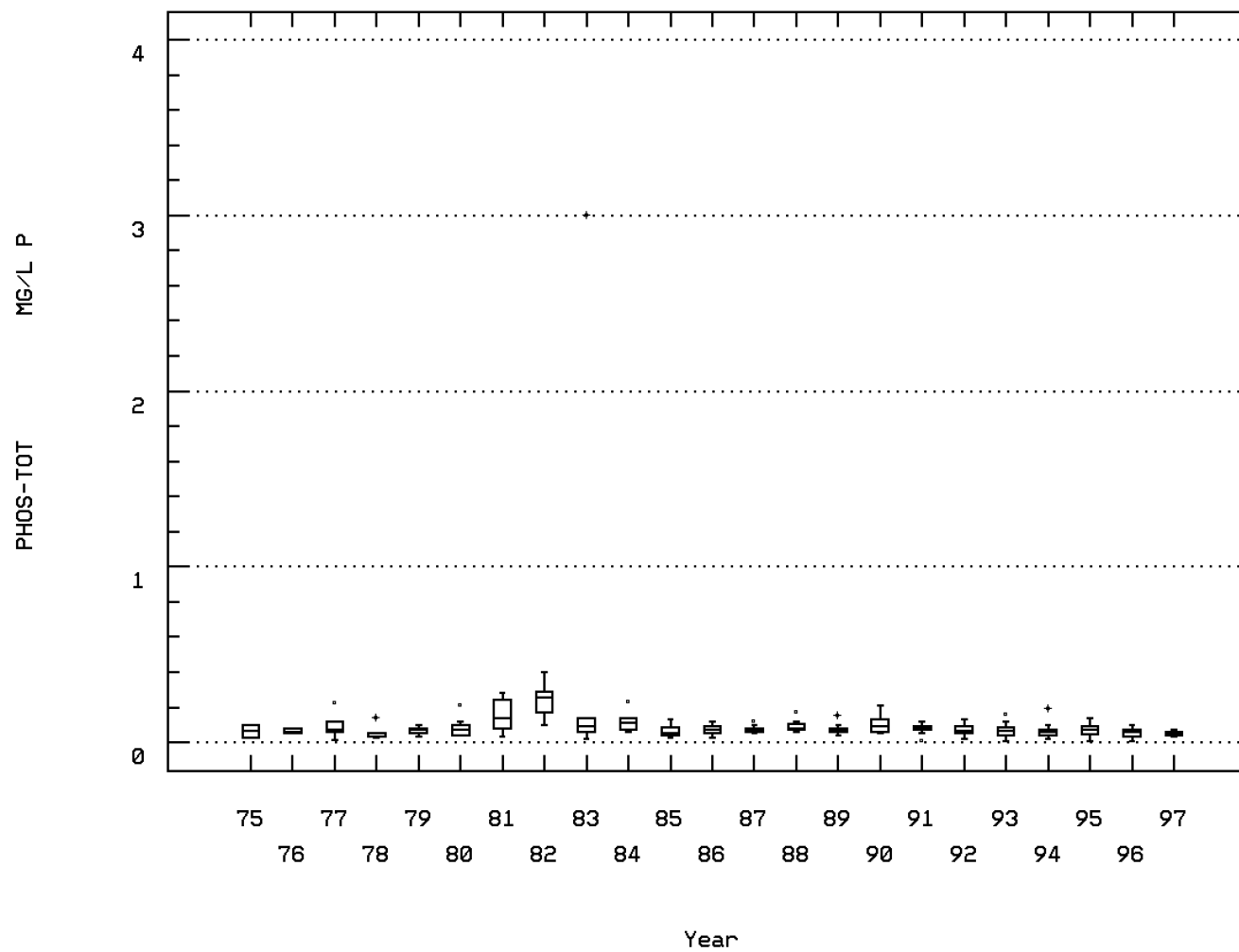
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)

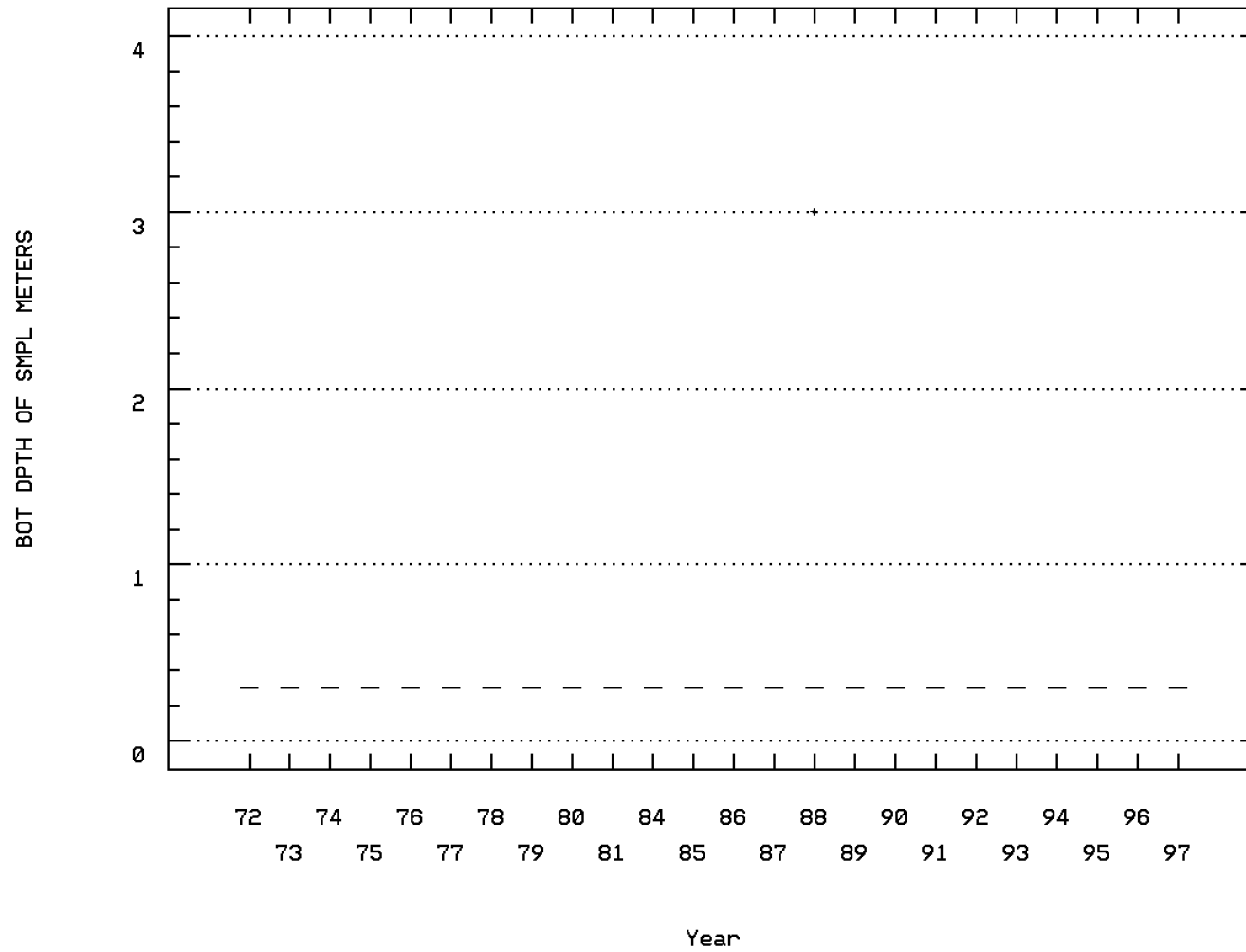


GILLS CK AT SC 48



Station: COSW0158 Parameter Code: 82048

DEPTH TO BOTTOM OF THE SAMPLING INTERVAL



GILLS CK AT SC 48

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	128	24.	22.609	29.	10.	18.854	4.342	15.95	20.	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	81	25.	24.321	35.	7.	40.096	6.332	14.2	21.25	31.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	70	30.5	47.771	243.	5.	2648.846	51.467	8.	15.	118.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	98	13.	17.069	71.	0.5	180.282	13.427	4.13	9.	33.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	26	80.	102.692	420.	40.	5086.462	71.319	57.	70.	146.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	128	5.7	5.664	9.9	0.	2.988	1.729	3.8	4.625	7.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	121	3.2	4.452	70.	0.3	50.369	7.097	1.7	2.45	6.06
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	14	17.5	20.071	52.	2.5	189.571	13.768	2.5	10.25	44.
00400	PH (STANDARD UNITS)	11/08/72-06/10/97	111	6.4	6.399	7.5	5.4	0.129	0.359	6.	6.2	6.85
00400	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	111	6.4	6.268	7.5	5.4	0.146	0.383	6.	6.2	6.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	111	0.398	0.54	3.981	0.032	0.237	0.487	0.141	0.251	1.
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	100	6.4	6.424	7.2	5.2	0.099	0.315	6.01	6.225	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	100	6.4	6.283	7.2	5.2	0.119	0.345	6.01	6.225	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	100	0.398	0.521	6.31	0.063	0.492	0.701	0.158	0.251	0.979
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	120	13.	16.242	89.	1.	134.101	11.58	7.	11.	29.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	30	12.	13.133	26.	2.	40.947	6.399	6.	7.75	22.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	98	0.17	0.273	3.3	0.025	0.16	0.399	0.025	0.05	0.594
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	91	0.87	0.965	4.2	0.25	0.27	0.52	0.542	0.7	1.336
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	114	0.18	0.214	0.67	0.04	0.018	0.134	0.075	0.13	0.425
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	97	0.08	0.093	0.3	0.02	0.004	0.06	0.03	0.06	0.176
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/02/75-05/07/97	28	8.3	11.064	49.	3.8	82.157	9.064	5.31	6.825	25.2
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/07/97	27 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/07/97	27 ##	25.	15.37	25.	5.	103.704	10.184	5.	5.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/07/97	27 ##	25.	19.259	50.	5.	255.199	15.975	5.	5.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/07/97	27	1200.	1239.815	2000.	5.	167358.618	409.095	828.	1100.	1920.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/07/97	27 ##	25.	26.852	50.	25.	44.516	6.672	25.	25.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/07/97	27	60.	81.667	180.	25.	1928.846	43.919	40.	50.	172.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/07/97	27 ##	25.	21.481	50.	10.	195.798	13.993	10.	10.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/07/97	27	25.	69.259	310.	5.	8820.584	93.918	5.	10.	300.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	89	530.	5337.893	240000.	0.5	664650676.355	25780.82	140.	230.	9800.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	89	2.724	2.862	5.38	-0.301	0.601	0.775	2.146	2.362	3.991
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		727.741								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/07/97	42 ##	0.1	0.329	2.4	0.025	0.251	0.501	0.1	0.1	1.27
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	93	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	112	10.25	10.403	19.	2.	15.955	3.994	5.	7.625	16.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	82	13.	12.915	25.	0.	38.591	6.212	4.	8.	21.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	67	91.	108.104	488.	9.	7395.58	85.998	28.	48.	206.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	102	18.	21.274	110.	1.5	279.123	16.707	5.95	11.	39.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	16	75.	87.344	180.	2.5	2331.224	48.283	28.75	51.25	166.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	112	9.7	9.579	13.4	5.6	2.461	1.569	7.53	8.425	11.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	112	2.4	2.672	6.7	0.9	1.164	1.079	1.5	1.9	4.1
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	18	12.5	13.133	26.	2.5	37.105	6.091	5.65	9.1	23.3
00400	PH (STANDARD UNITS)	11/08/72-06/10/97	106	6.575	6.609	8.2	5.4	0.242	0.492	6.028	6.288	7.23
00400	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	106	6.574	6.373	8.2	5.4	0.298	0.546	6.028	6.288	7.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	106	0.267	0.424	3.981	0.006	0.279	0.529	0.059	0.126	0.938
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	90	6.4	6.363	7.2	5.8	0.098	0.313	5.9	6.1	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	90	6.4	6.257	7.2	5.8	0.109	0.33	5.9	6.1	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	90	0.398	0.553	1.585	0.063	0.157	0.397	0.2	0.316	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	111	9.	11.	40.	4.	32.4	5.692	7.	8.	19.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	24	13.5	15.375	58.	7.	111.723	10.57	8.	9.	26.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	100	0.15	0.194	1.4	0.01	0.044	0.21	0.025	0.025	0.38

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	99	0.7	0.788	3.	0.05	0.205	0.452	0.44	0.55	0.87	1.26
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	112	0.275	0.313	0.86	0.01	0.028	0.168	0.153	0.21	0.385	0.577
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	98	0.06	0.074	0.28	0.01	0.002	0.048	0.03	0.05	0.08	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/02/75-05/07/97	34	5.8	6.571	15.4	2.3	12.354	3.515	3.15	4.4	7.25	14.4
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/07/97	32 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/07/97	32 ##	25.	24.531	250.	5.	1787.676	42.281	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/07/97	32 ##	25.	22.5	50.	5.	258.065	16.064	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/07/97	32	860.	920.938	1700.	390.	77337.802	278.097	600.	800.	1000.	1300.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/07/97	32 ##	25.	26.875	60.	25.	56.048	7.487	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/07/97	31	40.	44.032	90.	25.	402.366	20.059	25.	25.	60.	78.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/07/97	32 ##	25.	24.063	50.	10.	207.157	14.393	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/07/97	32	30.	50.781	170.	5.	1551.789	39.393	10.	25.	77.5	107.
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	86	205.	665.919	9000.	10.	1750295.582	1322.987	55.7	79.5	637.5	1395.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/71-07/23/97	86	2.312	2.396	3.954	1.	0.34	0.583	1.746	1.9	2.802	3.136
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			249.16								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/07/97	41 ##	0.1	2.001	70.	0.1	118.821	10.9	0.1	0.1	0.25	0.86
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	93	0.3	0.329	3.	0.3	0.078	0.28	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

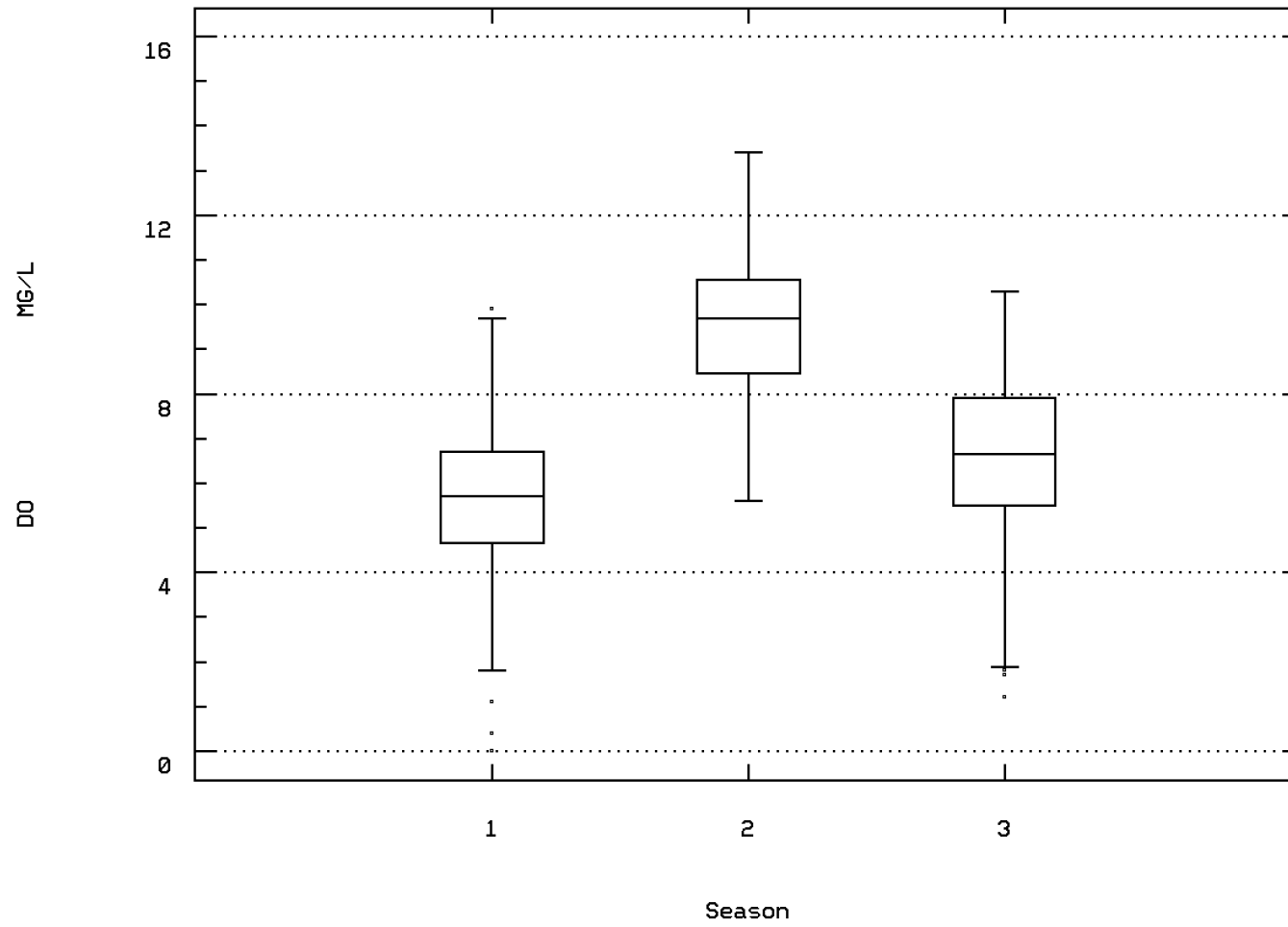
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-06/10/97	86	21.	20.788	28.	11.5	16.549	4.068	15.	17.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/10/97	56	23.75	23.205	38.	9.	35.68	5.973	15.4	19.	27.	30.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/07/74-09/20/94	49	31.	71.469	342.	5.	6555.671	80.967	12.	20.	91.	177.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/74-07/23/97	71	17.	19.993	70.	3.4	124.303	11.149	6.86	13.	26.	33.6
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/68-01/16/92	21	80.	93.571	160.	50.	1270.357	35.642	51.	62.5	125.	140.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-06/10/97	86	6.65	6.545	10.3	1.2	3.124	1.767	4.61	5.475	7.9	8.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-07/23/97	84	3.85	4.31	12.	1.2	5.027	2.242	2.	2.7	5.4	6.55
00335	COD, .025N K2CR2O7 MG/L	08/30/77-11/23/87	10	16.5	15.55	29.	2.5	62.581	7.911	2.85	9.	20.75	28.4
00400	PH (STANDARD UNITS)	11/08/72-06/10/97	74	6.425	6.464	7.45	5.6	0.136	0.368	6.125	6.2	6.7	7.
00400	CONVERTED PH (STANDARD UNITS)	11/08/72-06/10/97	74	6.424	6.308	7.45	5.6	0.16	0.4	6.125	6.2	6.7	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/72-06/10/97	74	0.376	0.493	2.512	0.035	0.266	0.516	0.1	0.2	0.631	0.751
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/92	71	6.5	6.427	7.6	5.4	0.144	0.38	5.9	6.2	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/92	71	6.5	6.264	7.6	5.4	0.171	0.414	5.9	6.2	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/92	71	0.316	0.545	3.981	0.025	0.33	0.574	0.158	0.2	0.631	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/68-07/23/97	86	12.	16.314	130.	1.	305.63	17.482	8.	10.	16.	24.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/88-07/23/97	17	22.	25.824	77.	13.	227.154	15.072	13.	16.	31.	45.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-07/23/97	64	0.195	0.268	2.6	0.025	0.129	0.359	0.025	0.065	0.328	0.615
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/02/75-07/23/97	65	0.88	0.955	4.1	0.05	0.287	0.536	0.366	0.745	1.16	1.416
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/23/97	76	0.205	0.259	1.71	0.02	0.054	0.232	0.08	0.13	0.298	0.546
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/02/75-07/23/97	62	0.08	0.157	3.	0.01	0.152	0.389	0.05	0.07	0.12	0.189
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/02/75-05/07/97	24	7.5	7.7	13.6	1.3	8.629	2.937	4.1	5.8	10.025	12.3
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/07/97	21 ###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/07/97	21 ###	25.	15.476	25.	5.	104.762	10.235	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/07/97	21 ###	25.	20.952	50.	5.	214.048	14.63	5.	10.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/07/97	21	1400.	1419.524	1800.	910.	50104.762	223.841	1120.	1300.	1500.	1800.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/07/97	21 ###	25.	27.857	60.	25.	83.929	9.161	25.	25.	25.	45.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/07/97	21	70.	85.	210.	25.	1925.	43.875	42.	60.	95.	172.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/07/97	21 ###	25.	21.429	50.	10.	192.857	13.887	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/07/97	21	30.	85.238	700.	5.	22448.69	149.829	6.	20.	100.	194.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	60	327.5	1236.967	10000.	60.	4353008.779	2086.387	101.	152.5	1075.	3760.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/71-07/23/97	60	2.515	2.661	4.	1.778	0.344	0.587	2.004	2.183	3.031	3.575
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			457.784								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/07/97	30 ##	0.1	0.267	2.2	0.1	0.169	0.411	0.1	0.1	0.25	0.58
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/08/72-06/10/97	66	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0158 Parameter Code: 00300

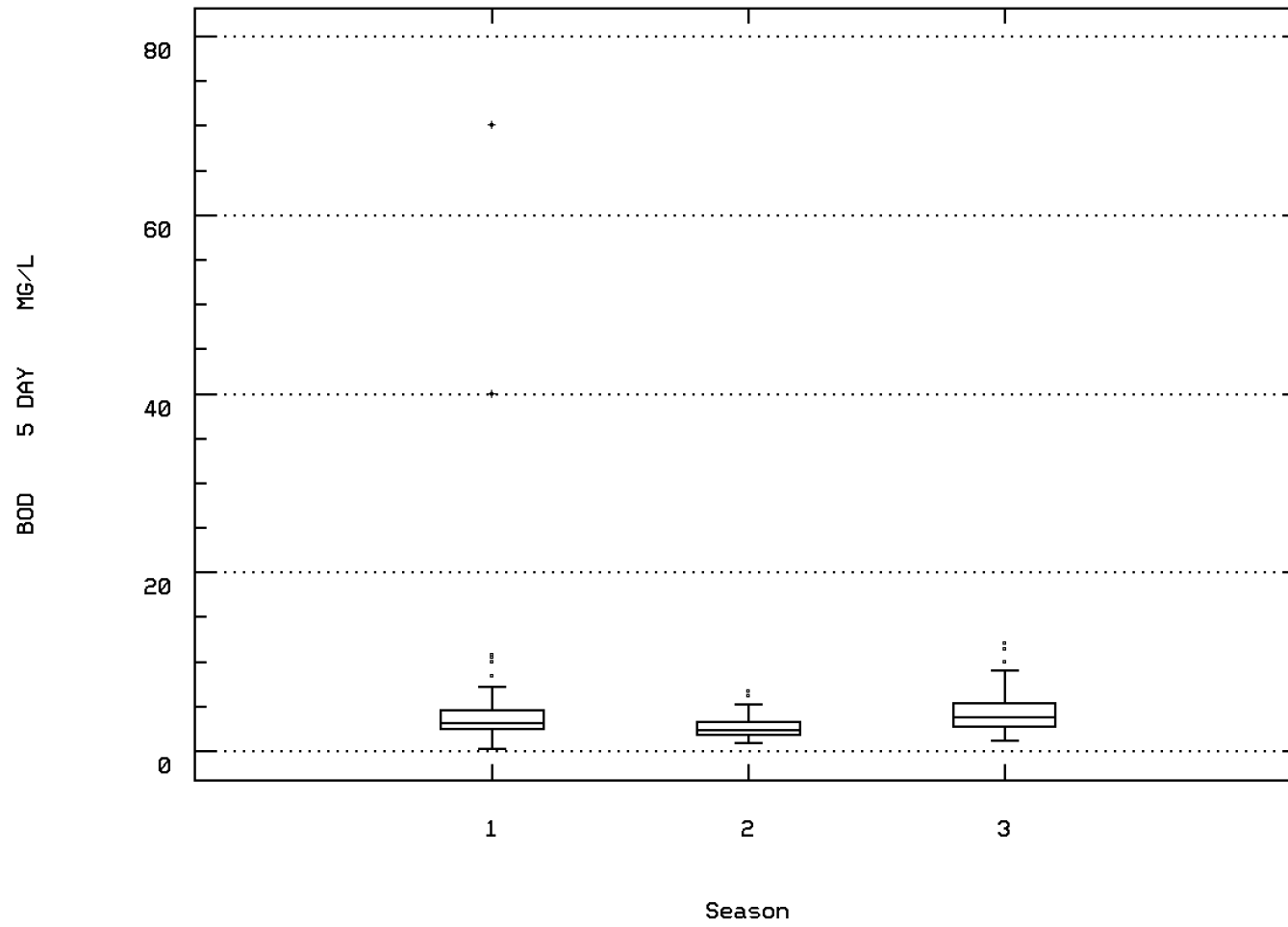
OXYGEN, DISSOLVED



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 00310

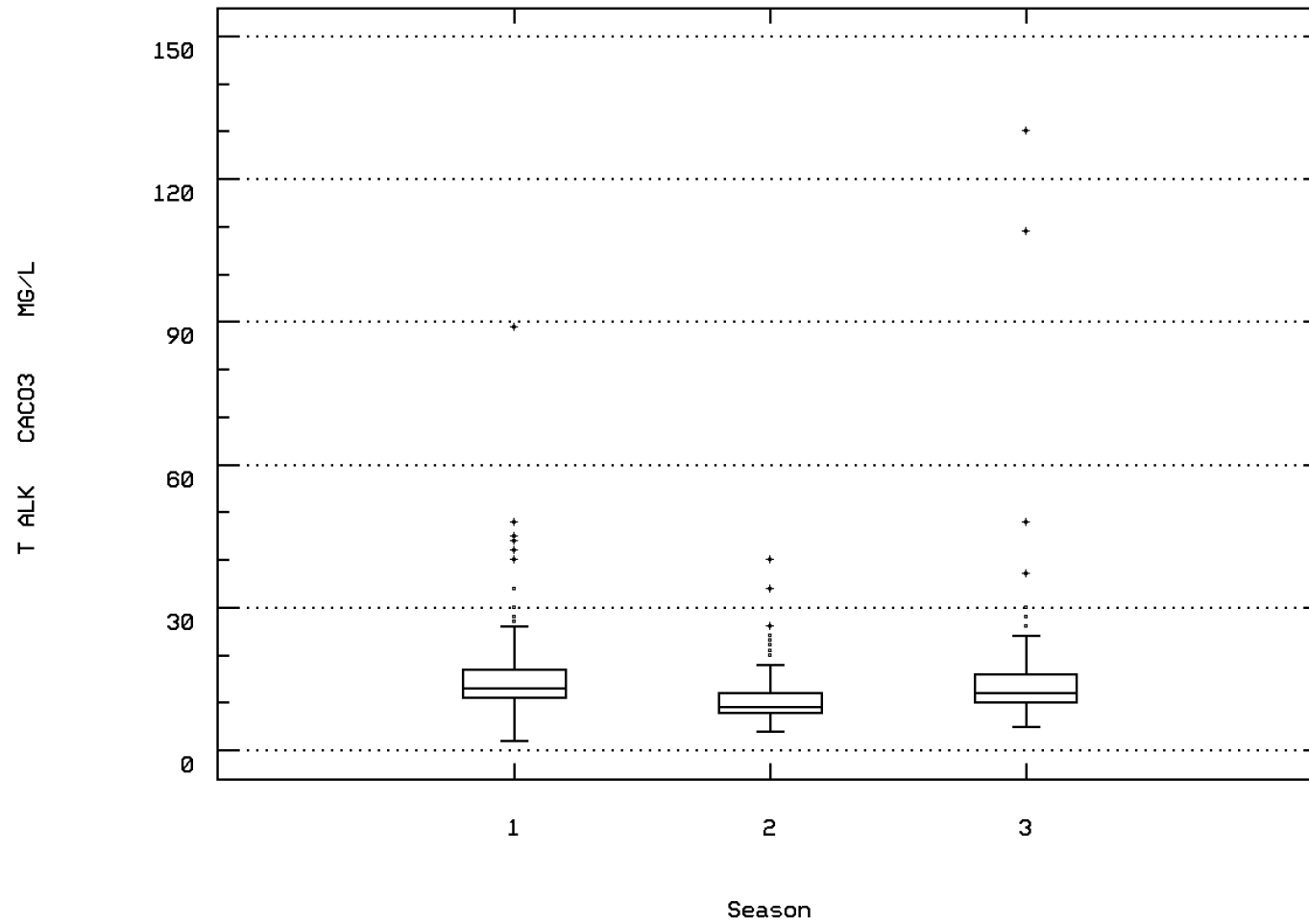
BOD, 5 DAY, 20 DEG C



GILLS CK AT SC 48

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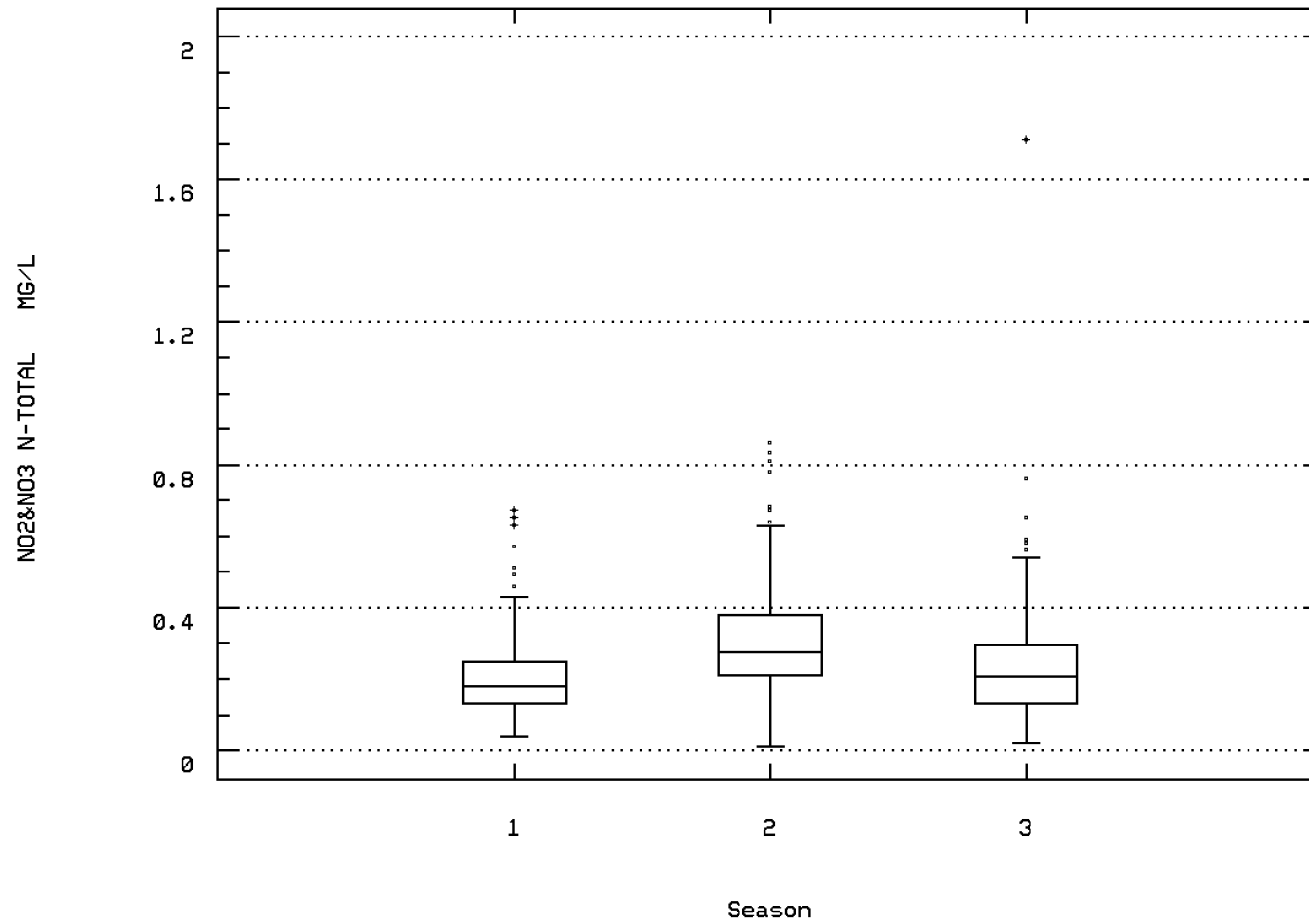
ALKALINITY, TOTAL (MG/L AS CaCO3)



GILLS CK AT SC 48

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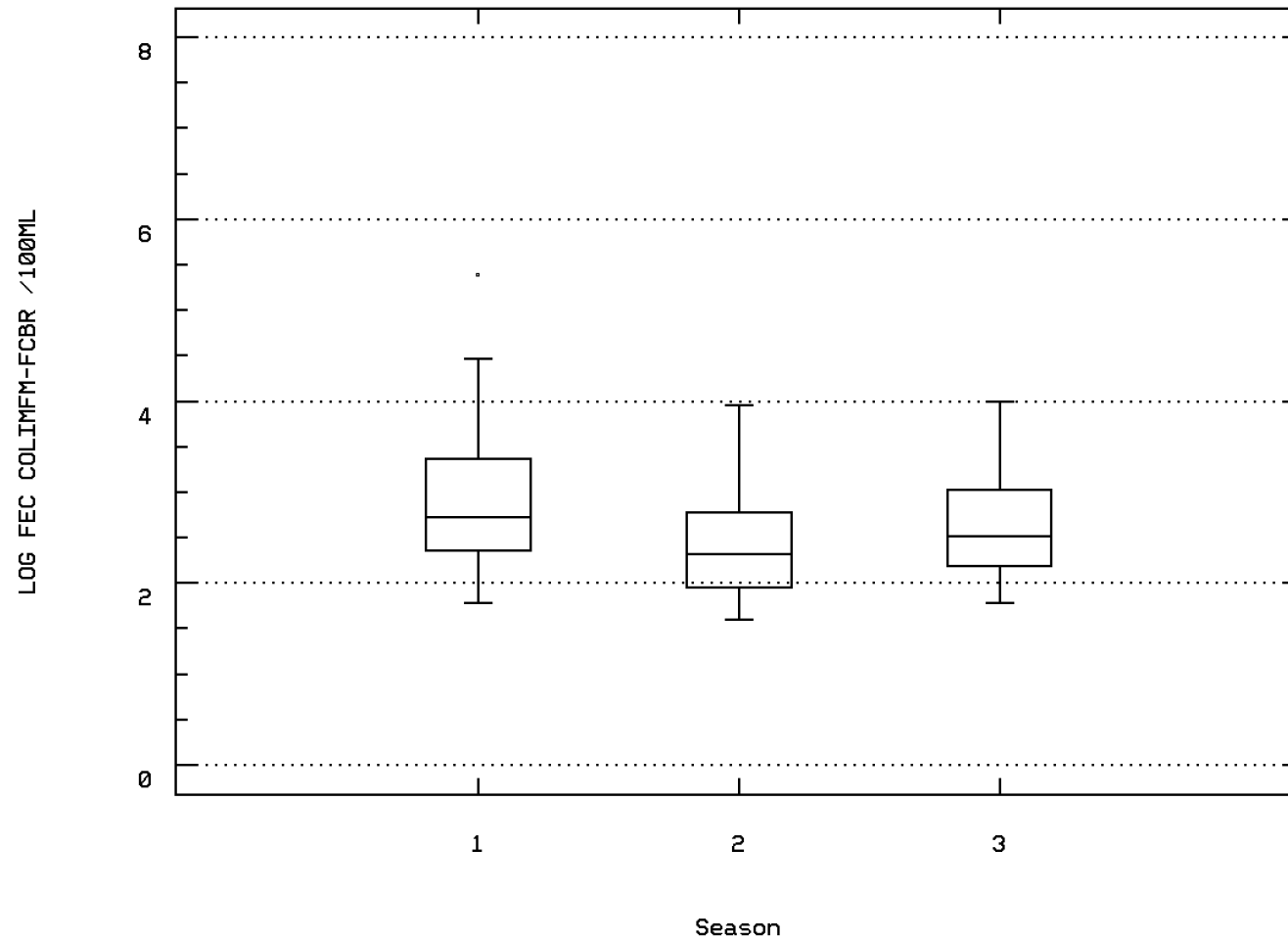
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



GILLS CK AT SC 48

Station: COSW0158 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR

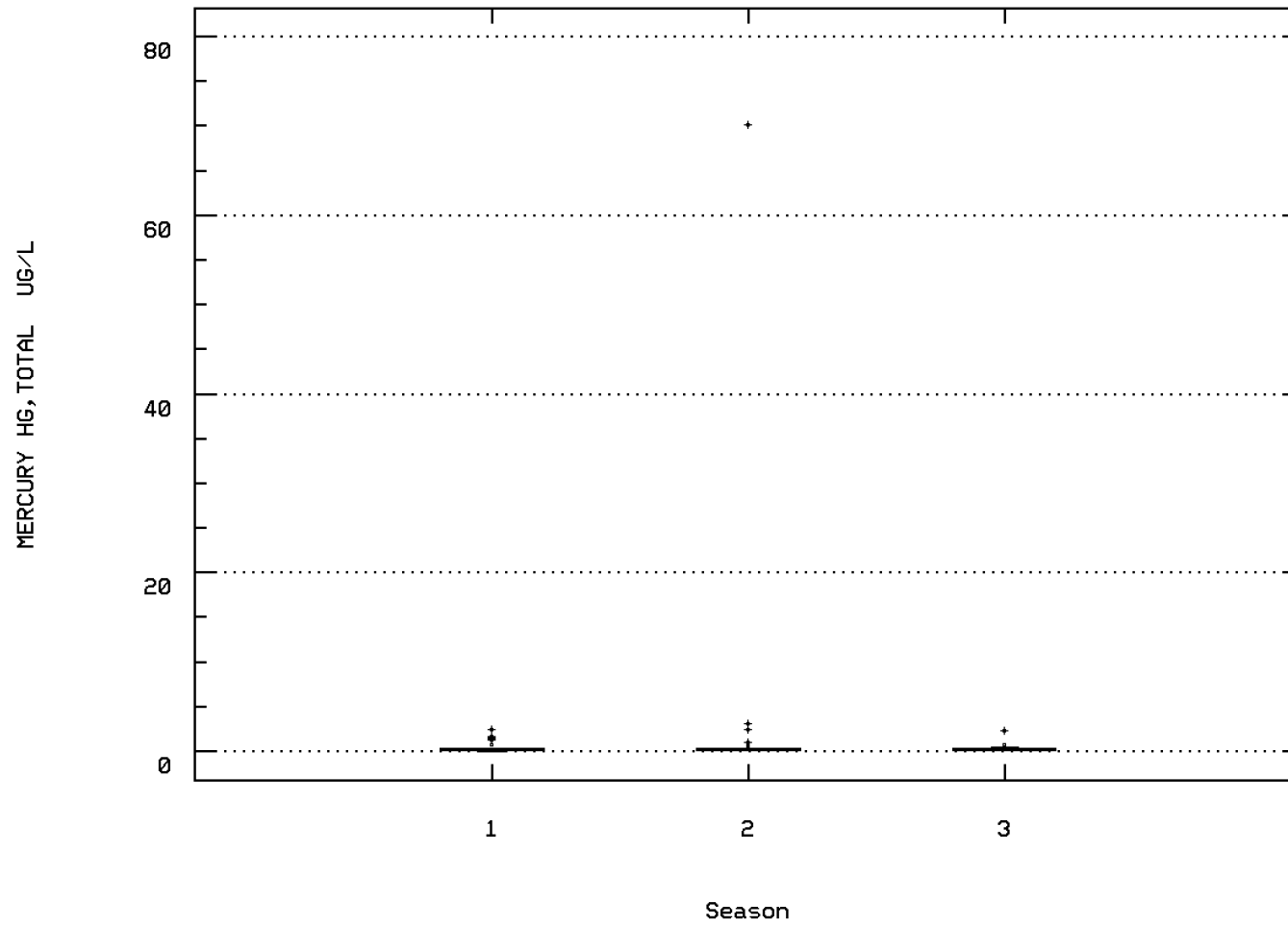


GILLS CK AT SC 48



Station: COSW0158 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



GILLS CK AT SC 48

## Station Inventory for Station: COSW0159

NPS Station ID: COSW0159  
 Location: GILLS C NR COLUMBIA S C  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110  
 RF3 Index: 03050110002403.93  
 Description:

LAT/LON: 33.947781/ -80.989449

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 0.000  
 RF3 Mile Point: 8.10

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169590  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.00

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/71-07/13/72	5	21.5	17.7	25.	8.5	58.075	7.621	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/71-07/13/72	5	80.	83.8	120.	62.	485.2	22.027	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/08/71-07/13/72	5	6.6	7.24	9.4	6.1	2.063	1.436	**	**	**	**
00400 PH (STANDARD UNITS)	12/08/71-07/13/72	5	6.5	6.46	6.7	6.2	0.033	0.182	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	12/08/71-07/13/72	5	6.5	6.429	6.7	6.2	0.034	0.185	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/71-07/13/72	5	0.316	0.372	0.631	0.2	0.026	0.161	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/08/71-07/13/72	5	380.	775.	1600.	55.	517475.	719.357	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	12/08/71-07/13/72	5	2.58	2.646	3.204	1.74	0.358	0.598	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			442.963								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0159

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00400 PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	5	4	0.80	1	0	0.00	2	2	1.00	2	2	1.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	4	0.80	1	1	1.00	2	2	1.00	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0160

NPS Station ID: COSW0160  
 Location: CONGAREE RIVER NEAR CAYCE S C  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110023  
 RF3 Index: 03050104005102.03

LAT/LON: 33.879170/ -81.013338

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 5.890  
 RF3 Mile Point: 6.03

Agency: 112WRD  
 FIPS State/County: 45017 SOUTH CAROLINA/CALHOUN  
 STORET Station ID(s): 02169603 /BC2  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.17

On/Off RF1: OFF  
 On/Off RF3:

Description:  
 SAMPLED BY USGS. FIELD ANALYSIS BY USGS. OTHER COOPERATING AGENCIES: FWPCA. STATION LOCATION: AT CAROLINA EASTMAN-WATER INTAKE NEAR CAYCE, S. C., 175 FT DOWNSTREAM FROM LEXINGTON-CALHOUN COUNTY LINE AT MID- STREAM, 4.5 MI DOWNSTREAM FROM U S RT 1 (GERVAIS ST. BRIDGE) AND 11.8 MI DOWNSTREAM FROM I-26. NEAREST GAGING STATION: ON CONGAREE R AT COLUMBIA ON RIGHT BANK AT COLUMBIA, RICHLAND COUNTY, 1000 FT DOWNSTREAM FROM GERVAS STREET BRIDGE AND 1.4 MI DOWNSTREAM FROM CONFLUENCE OF BROAD AND SALUDA RIVERS. DRAINAGE AREA ABOVE GAGING STATION, 7850 SQ MI. PERIOD OF RECORD: OCTOBER 1939 TO DATE.

## Parameter Inventory for Station: COSW0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/69-07/21/72	34	18.8	17.021	28.	4.9	44.31	6.657	7.95	11.	22.025	26.05
00060 FLOW, STREAM, MEAN DAILY CFS	07/26/69-09/08/71	22	5785.	7218.636	18000.	4000.	13307621.861	3647.961	4304.	4515.	8917.5	13800.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	10/21/70-10/21/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	10/21/70-10/21/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/69-07/21/72	26	75.	75.962	95.	58.	67.478	8.215	66.8	70.	81.75	85.6
00300 OXYGEN, DISSOLVED MG/L	10/20/69-07/21/72	25	8.7	8.964	11.6	7.	2.118	1.455	7.22	7.8	10.4	11.16
00310 BOD, 5 DAY, 20 DEG C MG/L	10/20/69-10/21/70	2	1.85	1.85	2.6	1.1	1.125	1.061	**	**	**	**
00400 PH (STANDARD UNITS)	10/20/69-07/21/72	26	7.2	7.088	7.4	6.5	0.059	0.244	6.77	6.9	7.3	7.4
00400 CONVERTED PH (STANDARD UNITS)	10/20/69-07/21/72	26	7.2	7.017	7.4	6.5	0.065	0.255	6.77	6.9	7.3	7.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/69-07/21/72	26	0.063	0.096	0.316	0.04	0.004	0.064	0.04	0.05	0.126	0.171
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/21/70-10/21/70	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/21/70-10/21/70	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/21/70-10/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/70-10/21/70	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/26/69-03/25/71	11	0.02	0.039	0.12	0.	0.002	0.043	0.002	0.01	0.06	0.118
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/21/70-10/21/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/21/70-10/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/21/70-10/21/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/21/70-10/21/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/21/70-10/21/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	10/21/70-10/21/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	10/21/70-10/21/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	10/21/70-10/21/70	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	10/21/70-10/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	10/21/70-10/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	10/21/70-10/21/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	10/21/70-10/21/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
01505	ALPHA, SUSPENDED	10/21/70-10/21/70	1	1.	1.	1.	1.	0.	0.	**	**	**
03503	BETA, DISSOLVED	10/21/70-10/21/70	1	4.	4.	4.	4.	0.	0.	**	**	**
03505	BETA, SUSPENDED	10/21/70-10/21/70	1	2.	2.	2.	2.	0.	0.	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/20/69-10/20/69	1	44000.	44000.	44000.	44000.	0.	0.	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	10/20/69-10/20/69	1	4.643	4.643	4.643	4.643	0.	0.	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	10/20/69-10/20/69	1	44000.	44000.	44000.	44000.	0.	0.	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/70-07/21/72	19	4730.	7198.947	26000.	500.	48976687.719	6998.335	600.	2480.	10000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/70-07/21/72	19	3.675	3.656	4.415	2.699	0.214	0.462	2.778	3.394	4.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/70-07/21/72	19	4530.114	4530.114	4530.114	4530.114	4530.114	4530.114	4530.114	4530.114	4530.114
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/21/70-10/21/70	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/21/70-10/21/70	1	58.	58.	58.	58.	0.	0.	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/70-10/21/70	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/70-10/21/70	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/69-03/25/71	11	0.6	0.664	1.1	0.1	0.117	0.341	0.14	0.4	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0160

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00								
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	8	0	0.00	9	0	0.00	8	0	0.00		
00400	PH	Other-Hi Lim.	9.	26	0	0.00	9	0	0.00	9	0	0.00	8	0	0.00		
		Other-Lo Lim.	6.5	26	1	0.04	9	1	0.11	9	0	0.00	8	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00								
		Drinking Water	250.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00								
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00								
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00								
		Drinking Water	1300.	1	0	0.00	1	0	0.00								
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00								
		Drinking Water	15.	1	0	0.00	1	0	0.00								
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00								
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	19	1.00	6	6	1.00	6	6	1.00	7	7	1.00		
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	11	0	0.00	4	0	0.00	6	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Station Inventory for Station: COSW0161

NPS Station ID: COSW0161  
Location: SNELLVILLE, GA  
Station Type: /TYP/A/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin:  
Minor Basin:  
RF1 Index: 03050110  
RF3 Index:  
Description:

LAT/LON: 33.851949/ -81.026948  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 112WRD  
FIPS State/County: 13135 GEORGIA/GWINNETT  
STORET Station ID(s): 335107081013701  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.00

Date Created: 02/20/76  
  
  
  
  
  
On/Off RF1:  
On/Off RF3:

### Parameter Inventory for Station: COSW0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/67-02/15/67	1	18.	18.	18.	18.	0.	0.	**	**	**	**
72015 DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	02/15/67-02/15/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
72016 DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	02/15/67-02/15/67	1	500.	500.	500.	500.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0162

NPS Station ID: COSW0162  
Location: ROCKY BR CK UNDR BRDG @CATAWBA  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: UTHEAST  
Minor Basin: SANTEE COOPER  
RF1 Index: 03050110  
RF3 Index: 03050110043200.00  
Description:

LAT/LON: 33.988892/ -81.028615  
  
Depth of Water: 999  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21SC60FD  
FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
STORET Station ID(s): 208CTM-13  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.11

Date Created: 12/03/76  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: COSW0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## Station Inventory for Station: COSW0163

NPS Station ID: COSW0163  
 Location: CONGAREE CK AT S-32-66  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050110  
 RF3 Index: 03050110013600.00  
 Description:  
 SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENV CONTROL  
 SUMMER 1992  
 LEXINGTON COUNTY

LAT/LON: 33.935837/ -81.032782

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 0.69

Agency: 21SC60WQ  
 FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
 STORET Station ID(s): C-070  
 Within Park Boundary: No

Date Created: 05/30/92

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 8.40  
 Distance from RF3: 0.88

On/Off RF1:  
 On/Off RF3:

STATION ESTABLISHED FOR SALUDA-EDISTO WATERSHED MONITORING EFFORT  
 CONGAREE CK AT S-32-66 APPROX 2 MI SOUTH OF CENTER OF CAYCE

### Parameter Inventory for Station: COSW0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/92-06/17/97	13	16.	17.846	25.	11.	33.183	5.76	11.	12.75	24.75	25.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/08/92-06/17/97	13	19.	21.885	33.	9.	60.506	7.779	10.6	16.	29.75	32.6
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/08/92-07/09/97	14	8.	10.557	27.	2.4	48.65	6.975	4.	6.15	12.25	25.5
00300 OXYGEN, DISSOLVED MG/L	05/08/92-06/17/97	13	7.	7.731	9.6	5.9	1.624	1.274	6.14	6.65	9.	9.48
00310 BOD, 5 DAY, 20 DEG C MG/L	05/08/92-07/09/97	14	1.3	1.379	2.4	0.6	0.403	0.635	0.6	0.8	2.025	2.35
00400 PH (STANDARD UNITS)	05/08/92-06/17/97	13	6.2	6.222	7.16	5.14	0.326	0.571	5.364	5.84	6.595	7.136
00400 CONVERTED PH (STANDARD UNITS)	05/08/92-06/17/97	13	6.2	5.897	7.16	5.14	0.44	0.664	5.364	5.84	6.595	7.136
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/92-06/17/97	13	0.631	1.267	7.244	0.069	3.602	1.898	0.073	0.26	1.447	5.145
00403 PH, LAB, STANDARD UNITS SU	05/08/92-09/09/92	5	6.1	6.22	6.4	6.1	0.027	0.164	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	05/08/92-09/09/92	5	6.1	6.197	6.4	6.1	0.028	0.166	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/92-09/09/92	5	0.794	0.636	0.794	0.398	0.047	0.217	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/08/92-06/17/97	11	4.	5.091	16.	1.	20.291	4.505	1.2	2.	7.	14.8
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/92-07/09/97	14	7.5	8.571	21.	4.	23.648	4.863	4.	4.75	10.	18.5
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/08/92-07/09/97	14 ##	0.025	0.034	0.12	0.025	0.001	0.026	0.025	0.025	0.025	0.085
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/08/92-07/09/97	14	0.445	0.412	0.63	0.2	0.02	0.143	0.225	0.275	0.538	0.62
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/08/92-07/09/97	14	0.185	0.194	0.34	0.02	0.006	0.076	0.08	0.155	0.253	0.3
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/08/92-07/09/97	14	0.03	0.03	0.07	0.01	0.	0.018	0.01	0.01	0.04	0.06
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/08/92-02/04/97	4	5.2	5.325	7.2	3.7	3.023	1.739	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/04/97-02/04/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	05/08/92-02/04/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/08/92-02/04/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/08/92-02/04/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/08/92-02/04/97	4	625.	635.	940.	350.	88966.667	298.273	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/08/92-02/04/97	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/08/92-02/04/97	4	15.	13.75	20.	5.	56.25	7.5	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	05/08/92-02/04/97	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/08/92-02/04/97	4 ##	5.	11.25	30.	5.	156.25	12.5	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/08/92-07/09/97	12	200.	460.667	2800.	47.	604744.061	777.653	54.2	127.5	302.5	2260.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/08/92-07/09/97	12	2.301	2.355	3.447	1.672	0.226	0.476	1.726	2.103	2.478	3.313
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			226.346								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/09/97-07/09/97	1	140.	140.	140.	140.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/09/97-07/09/97	1	2.146	2.146	2.146	2.146	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			140.								
71900 MERCURY, TOTAL (UG/L AS HG)	05/08/92-02/04/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/08/92-06/17/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0163

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
00400 PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	13	10	0.77	5	4	0.80	4	3	0.75	4	3	0.75			
00403 PH, LAB	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	5	5	1.00	3	3	1.00				2	2	1.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01034 CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	1300.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01067 NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	5000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	7	0.58	5	4	0.80	3	1	0.33	4	2	0.50			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0164

NPS Station ID: COSW0164 Location: CONGAREE RVR AT BLOSSOM ST Station Type: /TYPA/AMBNT/FISH/STREAM/ISSUE/BIO RMI-Indexes: RMI-Miles: HUC: 03050110 Major Basin: SOUTHEAST Minor Basin: SANTEE-COOPER RIVER BASIN RF1 Index: 03050110030 RF3 Index: 03050110000100.94 Description: SAMPLED BY SOUTH CAROLINA POLLUTION CONTROL AUTHORITY. CONGAREE RIVER AT BLOSSOM STREET BRIDGE IN COLUMBIA DATA AND BIOLOGICAL MONITORING DATA CONFLUENT RIVERS (SALUDA AND BROAD) ARE NOT WELL MIXED AT BLOSSOM ST.	LAT/LON: 33.988892/ -81.044448  Depth of Water: 0 Elevation: 0  RF1 Mile Point: 6.260 RF3 Mile Point: 3.66	Agency: 21SC60WQ FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND STORET Station ID(s): CSB-001 Within Park Boundary: No  Aquifer: Water Body ID: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.03
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Date Created: / /

On/Off RF1: OFF  
On/Off RF3:

FIRST SAMPLE TAKEN 71/05/28.  
AS OF OCTOBER 1980 CSB-001 IS ONLY USED FOR STORAGE OF STREAM DISCHARGE  
WATER QUALITY ARE STORED IN CSB-001L AND CSB-001R SINCE THE TWO  
RICHLAND-LEXINGTON COUNTY BORDER

### Parameter Inventory for Station: COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	135	19.	18.448	30.5	5.	44.234	6.651	8.	13.	24.	27.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-08/27/86	12	20.	19.875	33.5	4.	91.551	9.568	4.6	12.75	28.5	32.75
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	258	6580.	8797.636	52400.	1040.	59008090.497	7681.672	2580.	3965.	10650.	18220.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	08/06/70-01/18/74	14	34.5	48.214	130.	25.	925.874	30.428	26.5	29.5	53.25	114.
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	08/07/70-02/15/74	17	14.	19.706	104.	7.	497.877	22.313	7.8	10.	19.75	39.6
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	78	12.	22.641	225.	2.3	934.858	30.575	3.9	6.7	25.	54.3
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/07/83-07/27/84	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	58	65.	88.534	300.	20.	3591.236	59.927	30.	50.	120.	162.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-04/27/73	8	71.	73.625	100.	60.	176.839	13.298	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	134	8.9	9.386	13.8	6.8	2.559	1.6	7.4	8.1	10.65	11.55
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/06/70-10/05/72	13	92.	90.385	100.	50.	163.923	12.803	65.6	90.	98.	100.
00310 BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	117	2.4	2.541	7.8	0.1	1.987	1.41	0.98	1.55	3.25	4.24
00335 COD, .025N K2CR2O7 MG/L	08/29/77-11/10/87	37	11.	11.795	27.	2.5	29.987	5.476	4.6	8.4	14.	20.2
00340 COD, .25N K2CR2O7 MG/L	11/29/74-07/03/80	27	16.	23.704	85.	0.	432.37	20.794	6.4	12.	31.	65.2
00400 PH (STANDARD UNITS)	08/22/72-08/27/86	117	7.2	7.126	8.1	6.	0.156	0.395	6.58	6.9	7.4	7.6
00400 CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	117	7.2	6.936	8.1	6.	0.192	0.439	6.58	6.9	7.4	7.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	117	0.063	0.116	1.	0.008	0.019	0.138	0.025	0.04	0.126	0.264
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	08/29/77-08/27/86	50	65.	68.5	170.	10.	741.847	27.237	40.8	50.	80.	99.
00403 PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	118	6.95	6.881	7.6	1.6	0.329	0.574	6.5	6.7	7.1	7.3
00403 CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	118	6.947	3.672	7.6	1.6	10.72	3.274	6.5	6.7	7.1	7.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	118	0.113	213.022	25118.864	0.025	5347031.693	2312.365	0.05	0.079	0.2	0.316
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	117	18.	18.692	44.	4.	36.663	6.055	12.	14.5	22.	26.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/77-11/10/87	37	7.	13.081	176.	1.	792.132	28.145	1.	4.	13.	18.6
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	65	0.055	0.079	0.44	0.01	0.005	0.074	0.025	0.025	0.105	0.188
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/05/71-05/25/72	4	0.255	0.25	0.39	0.1	0.014	0.119	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-11/10/87	60	0.405	0.45	1.05	0.025	0.086	0.293	0.1	0.238	0.607	0.938
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	95	0.35	0.406	2.86	0.04	0.108	0.329	0.206	0.31	0.42	0.52
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/07/71-05/21/75	32	0.15	0.171	0.66	0.	0.015	0.123	0.06	0.09	0.221	0.3
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/10/73-11/10/87	59	0.05	0.069	0.34	0.015	0.004	0.065	0.025	0.03	0.07	0.14

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-11/10/87	58	4.95	6.316	27.1	0.5	22.808	4.776	2.5	3.475	8.275	12.32
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/12/71-04/08/80	5	20.	19.	27.	10.	61.	7.81	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/74-06/11/76	19	1.4	1.495	2.	1.2	0.054	0.232	1.3	1.3	1.7	1.9
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/71-10/05/71	3	6.	6.	6.	6.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/05/74-12/05/74	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/17/72-08/29/77	29 ##	5.	22.14	282.	0.07	2744.941	52.392	5.	5.	15.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-11/10/87	25 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/27/73-08/29/77	27 ##	25.	30.556	50.	25.	112.179	10.591	25.	25.	25.	50.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-11/10/87	25 ##	25.	26.4	60.	25.	49.	7.	25.	25.	25.	25.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/27/73-08/29/77	33 ##	50.	54.848	310.	25.	2283.57	47.787	25.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-11/10/87	25 ##	50.	49.	50.	25.	25.	5.	50.	50.	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-11/10/87	25	500.	610.4	1300.	300.	66462.333	257.803	360.	400.	900.	940.
01046	IRON, DISSOLVED (UG/L AS FE)	11/06/72-08/29/77	39	590.	699.744	1710.	170.	167447.669	409.204	220.	370.	1010.	1330.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/27/73-08/29/77	35 ##	25.	36.429	100.	25.	711.134	26.667	25.	25.	25.	100.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-11/10/87	25 ##	25.	41.8	260.	25.	2370.583	48.689	25.	25.	37.5	76.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-11/10/87	25	50.	68.2	330.	25.	4945.583	70.325	25.	25.	70.	176.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/29/74-08/29/77	24	82.	166.	650.	25.	35685.826	188.907	25.	52.5	197.5	540.
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/05/74-08/29/77	23 ##	50.	63.478	360.	50.	4178.261	64.639	50.	50.	50.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-11/10/87	25 ##	50.	49.	50.	25.	25.	5.	50.	50.	50.	50.
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	07/21/82-12/19/86	10 ##	0.5	1.27	4.	0.5	1.371	1.171	0.5	0.5	2.025	3.81
01073	THALLIUM, TISSUE, WET WEIGHT, MG/KG	10/29/86-10/29/86	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/29/73-08/29/77	19 ##	50.	65.276	240.	0.25	2313.395	48.098	50.	50.	50.	100.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-11/10/87	25	100.	123.	400.	25.	13329.167	115.452	50.	50.	150.	400.
01360	SAMPLE LENGTH CM	05/24/77-06/10/85	37	26.5	30.414	79.	14.5	227.386	15.079	16.	21.75	33.	49.04
01361	SAMPLE LENGTH-MAXIMUM CM	06/10/85-12/19/86	4	41.05	36.825	49.2	16.	217.909	14.762	**	**	**	**
01362	SAMPLE WEIGHT-MAXIMUM G	06/10/85-12/19/86	4	870.	724.	1080.	76.	225824.	475.209	**	**	**	**
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	06/10/85-12/19/86	4	637.	581.5	1000.	52.	153933.667	392.344	**	**	**	**
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	09/22/80-12/19/86	5	35.8	30.584	45.56	12.	259.352	16.104	**	**	**	**
01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	06/10/85-12/19/86	4	37.85	33.475	44.2	14.	182.943	13.526	**	**	**	**
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	09/22/80-12/19/86	5	655.	519.06	1040.	29.5	205968.968	453.838	**	**	**	**
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/24/77-06/10/85	37	217.	506.	5100.	49.	1049337.167	1024.372	58.2	95.	336.5	1064.
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/07/71-08/12/71	3	9200.	13400.	24000.	7000.	85480000.	9245.539	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	06/07/71-08/12/71	3	3.964	4.063	4.38	3.845	0.079	0.281	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	06/07/71-08/12/71	3	3.964	4.063	4.38	3.845	0.079	0.281	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/28/71-06/09/80	8	1520.	5782.5	24000.	110.	82597335.714	9088.308	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/28/71-06/09/80	8	3.133	3.173	4.38	2.041	0.675	0.821	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/28/71-06/09/80	8	3.133	3.173	4.38	2.041	0.675	0.821	**	**	**	**
31615	GEOMETRIC MEAN =	05/28/71-06/09/80	8	3.133	3.173	4.38	2.041	0.675	0.821	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	89	200.	889.427	24000.	10.	9409742.338	3067.53	40.	110.	525.	1340.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	89	2.301	2.356	4.38	1.	0.38	0.616	1.602	2.041	2.72	3.127
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	89	2.301	2.356	4.38	1.	0.38	0.616	1.602	2.041	2.72	3.127
34355	ENDOSULFAN SULFATE WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGT TISSMG/KG	12/19/86-12/19/86	2	0.355	0.355	0.519	0.191	0.054	0.232	**	**	**	**
34674	PCB - 1016 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGT TISSMG/KG	12/19/86-12/19/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	09/22/80-12/19/86	19 ##	0.003	0.003	0.008	0.001	0.	0.002	0.003	0.003	0.003	0.008
39302	P P DDT IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
39318	O,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	07/21/82-07/21/82	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/19/86-12/19/86	2	0.15	0.15	0.24	0.06	0.016	0.127	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	12/19/86-12/19/86	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-12/19/86	19 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	09/22/80-12/19/86	19	23.	37.116	170.2	2.5	1843.827	42.94	2.5	2.5	48.2	109.8
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	27	16.	37.648	200.	2.5	2327.347	48.243	2.5	2.5	70.	96.8
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	27	52.	87.315	450.	2.5	10010.102	100.05	12.32	20.	98.3	224.6
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	05/24/77-12/19/86	27 ##	2.5	17.711	130.	2.5	905.776	30.096	2.5	2.5	22.	54.32

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	05/24/77-12/19/86	27	0.09	0.14	0.65	0.003	0.021	0.146	0.01	0.04	0.2	0.308
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	05/24/77-12/19/86	23 ##	2.5	3.848	30.	2.5	33.033	5.747	2.5	2.5	2.5	4.6
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/22/80-12/19/86	19##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	09/22/80-12/19/86	19##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	06/26/81-12/19/86	15##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	06/26/81-12/19/86	15##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/05/80-11/05/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	09/22/80-12/19/86	19##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	05/24/77-12/19/86	23##	0.025	0.191	1.8	0.025	0.148	0.385	0.025	0.025	0.164	0.58
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39703	HEXACHLORO BENZENE IN FISH OR ANIMALS WET WGT UG/K	09/22/80-12/19/86	19##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	09/22/80-12/19/86	19##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/11/76	13	0.02	0.03	0.09	0.01	0.001	0.026	0.01	0.01	0.035	0.086
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/12/71	3	9200.	85400.	240000.	7000.17927080000.	133892.046	**	**	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/07/71-08/12/71	3	3.964	4.396	5.38	3.845	0.729	0.854	**	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			24909.54								
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-11/10/87	61 ##	0.25	0.562	5.3	0.025	0.845	0.919	0.1	0.1	0.65	1.6
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/24/77-12/19/86	30##	0.125	0.178	0.53	0.1	0.016	0.128	0.1	0.1	0.2	0.398
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	30	1.	1.59	6.	0.125	2.33	1.526	0.5	0.5	2.6	3.996
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/21/79-12/19/86	22##	1.	1.132	2.2	0.5	0.33	0.574	0.5	0.5	1.7	2.
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	30	10.35	13.468	90.	1.73	250.84	15.838	3.82	5.26	16.	23.8
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	05/24/77-12/19/86	30##	0.5	1.029	5.	0.11	1.274	1.129	0.5	0.5	1.15	1.98
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	05/24/77-12/19/86	30##	0.1	0.113	0.26	0.05	0.002	0.044	0.1	0.1	0.1	0.199
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/16/74-12/30/74	2	49.915	49.915	50.33	49.5	0.344	0.587	**	**	**	**
79005	CHLORDANE, GAMMA, IN FISH UG/KG	06/26/81-06/26/81	4	25.9	31.125	70.2	2.5	1075.009	32.787	**	**	**	**
79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	06/26/81-06/26/81	4	55.9	54.925	100.	7.9	1454.529	38.138	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/24/77-12/19/86	42	1.	1.333	5.	1.	1.008	1.004	1.	1.	1.	2.7
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/80-12/19/86	19##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	3##	10.	15.333	26.	10.	85.333	9.238	**	**	**	**
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	06/10/85-12/19/86	6	10.9	19.367	44.	4.	344.999	18.574	**	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	12/19/86-12/19/86	2##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	10/29/86-12/19/86	4##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	10/29/86-12/19/86	4##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81898	TRITHION IN TISSUE WET WEIGHT MG/KG	12/19/86-12/19/86	2##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	108	0.3	0.319	0.9	0.3	0.011	0.103	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0164

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----	-----11/16-3/31-----	-----4/01-6/30-----	-----n/a-----
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	0.29	6	1	3	0
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	78	0.13	29	4	1	5
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	134	0.00	59	0	0	0
00400	PH	Other-Hi Lim.	9.	117	0.00	53	0	0	0
		Other-Lo Lim.	6.5	117	0.09	53	8	2	1
00403	PH, LAB	Other-Hi Lim.	9.	118	0.00	44	0	0	0
		Other-Lo Lim.	6.5	118	0.13	44	4	4	7
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0.00	1	0	0	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	95	0.00	37	0	0	0
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0.00	2	0	0	0
		Drinking Water	250.	3	0.00	2	0	0	0
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0.00		1	0	0
		Drinking Water	50.	1	0.00		1	0	0

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0164

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5 &	4	0.80	1	1	1.00	3	2	0.67	1	1	1.00		
		Drinking Water	5.	5 &	4	0.80	1	1	1.00	3	2	0.67	1	1	1.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	25	0	0.00	9	0	0.00	10	0	0.00	6	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	2 &	2	1.00	2	2	1.00								
		Drinking Water	1300.	33	0	0.00	13	0	0.00	11	0	0.00	9	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00											
		Drinking Water	1300.	25	0	0.00	9	0	0.00	10	0	0.00	6	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	30 &	0	0.00	12	0	0.00	9	0	0.00	9	0	0.00		
		Drinking Water	15.	0 &	0	0.00											
01051	LEAD, TOTAL	Fresh Acute	82.	25	2	0.08	9	1	0.11	10	1	0.10	6	0	0.00		
		Drinking Water	15.	6 &	6	1.00	4	4	1.00	1	1	1.00	1	1	1.00		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	23	0	0.00	8	0	0.00	8	0	0.00	7	0	0.00		
		Drinking Water	100.	23	1	0.04	8	0	0.00	8	1	0.13	7	0	0.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	25	0	0.00	9	0	0.00	10	0	0.00	6	0	0.00		
		Drinking Water	100.	25	0	0.00	9	0	0.00	10	0	0.00	6	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	19	1	0.05	8	1	0.13	6	0	0.00	5	0	0.00		
		Drinking Water	5000.	19	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	25	6	0.24	9	4	0.44	10	1	0.10	6	1	0.17		
		Drinking Water	5000.	25	0	0.00	9	0	0.00	10	0	0.00	6	0	0.00		
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00	2	2	1.00				1	1	1.00		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	7	0.88	2	2	1.00	1	1	1.00	5	4	0.80		
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	89	45	0.51	33	19	0.58	33	15	0.45	23	11	0.48		
71900	MERCURY, TOTAL	Fresh Acute	2.4	61	3	0.05	22	0	0.00	24	2	0.08	15	1	0.07		
		Drinking Water	2.	61	5	0.08	22	1	0.05	24	2	0.08	15	2	0.13		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1970 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	2	25.	25.	26.	24.	2.	1.414	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	2	80.	80.	100.	60.	800.	28.284	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	2	8.2	8.2	8.4	8.	0.08	0.283	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	2	2.15	2.15	2.9	1.4	1.125	1.061	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	2	6.7	6.7	7.	6.4	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	2	6.604	6.604	7.	6.4	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	2	0.249	0.249	0.398	0.1	0.044	0.211	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	2	26.	26.	26.	26.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	5	25.	25.5	30.	22.5	8.	2.828	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	8	75.	111.875	240.	35.	6299.554	79.37	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	4	8.15	8.025	8.6	7.2	0.389	0.624	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	9	1.7	2.5	7.8	0.7	5.685	2.384	0.7	0.75	3.85	7.8
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	9	7.1	7.078	7.3	6.7	0.057	0.239	6.7	6.85	7.3	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	9	7.1	7.018	7.3	6.7	0.061	0.247	6.7	6.85	7.3	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	9	0.079	0.096	0.2	0.05	0.003	0.055	0.05	0.05	0.142	0.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	9	22.	25.778	36.	18.	43.444	6.591	18.	21.	33.	36.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	4	9145.	11122.5	24000.	2200.	116576025.	10797.038	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	4	3.774	3.818	4.38	3.342	0.306	0.554	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			6575.112								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	14	20.25	18.357	26.	8.	34.44	5.869	9.5	13.25	23.25	25.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	10	65.	76.5	140.	30.	2128.056	46.131	30.	33.75	140.	140.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	14	8.85	9.171	11.7	7.3	2.176	1.475	7.45	7.8	10.675	11.35
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	15	1.6	1.653	3.4	0.1	1.051	1.025	0.1	0.7	2.5	3.28
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	6	7.15	7.167	8.	6.4	0.355	0.596	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	6	7.022	6.881	8.	6.4	0.452	0.673	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	6	0.095	0.131	0.398	0.01	0.021	0.146	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	16	6.7	6.438	7.5	1.6	1.764	1.328	4.82	6.5	6.975	7.22
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	16	6.7	2.804	7.5	1.6	15.846	3.981	4.82	6.5	6.975	7.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	16	0.2	1570.135	25118.864	0.03239434144.059	6279.661	0.065	0.106	0.316	7536.101	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	15	22.	21.867	28.	16.	10.695	3.27	17.2	20.	24.	26.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	9	0.36	0.558	1.94	0.24	0.291	0.539	0.24	0.29	0.585	1.94
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	580.	791.818	2700.	20.	573056.364	757.005	38.	160.	1000.	2428.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	2.763	2.65	3.431	1.301	0.356	0.597	1.449	2.204	3.	3.371
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			447.1								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	14	16.5	16.75	27.	7.5	49.798	7.057	7.75	9.5	23.5	27.
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	9	60.	73.333	130.	25.	1356.25	36.827	25.	42.5	110.	130.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	14	9.95	9.707	12.9	6.8	3.998	1.999	6.8	7.975	11.1	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	10	1.85	2.09	3.6	1.	0.697	0.835	1.05	1.5	2.9	3.56
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	11	7.2	7.282	7.9	6.5	0.154	0.392	6.6	7.1	7.6	7.88
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	11	7.2	7.115	7.9	6.5	0.184	0.429	6.6	7.1	7.6	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	11	0.063	0.077	0.316	0.013	0.007	0.084	0.013	0.025	0.079	0.273
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	10	7.15	7.06	7.5	6.3	0.152	0.389	6.33	6.75	7.4	7.49
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	10	7.147	6.881	7.5	6.3	0.187	0.433	6.33	6.75	7.4	7.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	10	0.071	0.131	0.501	0.032	0.022	0.147	0.032	0.04	0.182	0.476
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	10	23.	25.	44.	12.	76.667	8.756	12.6	21.	28.	43.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	9	0.34	0.348	0.48	0.18	0.009	0.096	0.18	0.275	0.44	0.48
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	148.	315.	1300.	17.	173971.8	417.099	17.6	50.	330.	1228.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	2.17	2.158	3.114	1.23	0.365	0.604	1.245	1.699	2.519	3.086
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			143.842								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1974 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	9	17.	16.667	24.	9.	35.	5.916	9.	10.	22.	24.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	20	6550.	7041.	13500.	3480.	10435335.789	3230.377	3527.	4080.	9070.	13330.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	9	18.	23.356	65.	6.7	384.85	19.618	6.7	9.25	35.	65.
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	11	65.	90.	180.	50.	2155.	46.422	51.	60.	140.	176.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	9	9.8	9.956	11.5	8.4	1.525	1.235	8.4	8.6	11.25	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	11	2.5	2.918	7.	0.9	3.264	1.807	0.96	1.5	4.1	6.54
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	9	7.2	7.156	7.6	6.7	0.108	0.328	6.7	6.8	7.45	7.6
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	9	7.2	7.048	7.6	6.7	0.121	0.348	6.7	6.8	7.45	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	9	0.063	0.09	0.2	0.025	0.004	0.065	0.025	0.036	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	11	7.2	7.045	7.6	6.2	0.171	0.413	6.26	6.7	7.3	7.56
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	11	7.2	6.835	7.6	6.2	0.22	0.469	6.26	6.7	7.3	7.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	11	0.063	0.146	0.631	0.025	0.033	0.182	0.028	0.05	0.2	0.568
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	11	20.	21.273	30.	12.	29.018	5.387	13.2	18.	28.	29.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	9	0.41	0.691	2.86	0.32	0.67	0.819	0.32	0.35	0.56	2.86
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	220.	438.909	1500.	92.	183971.691	428.919	97.6	125.	600.	1378.2
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	2.342	2.48	3.176	1.964	0.149	0.386	1.987	2.097	2.778	3.131
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			302.321								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	9	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1975 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	12	19.	17.625	24.	8.	31.506	5.613	8.6	11.75	22.75	23.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	21	9590.	11262.381	23000.	6400.	28756139.048	5362.475	6506.	6930.	15100.	22020.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	11	20.	46.355	225.	6.6	4027.727	63.464	6.94	10.	57.	196.
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	12	90.	110.	300.	30.	6854.545	82.792	30.	45.	120.	282.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	12	9.	9.575	12.2	7.6	2.518	1.587	7.72	8.225	11.4	12.02
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	12	3.3	3.433	6.9	1.	2.335	1.528	1.39	2.425	4.475	6.24
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	12	7.1	7.117	7.8	6.7	0.085	0.292	6.73	6.925	7.275	7.68
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	12	7.1	7.041	7.8	6.7	0.091	0.302	6.73	6.925	7.275	7.68

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### Annual Analysis for 1975 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	12	0.079	0.091	0.2	0.016	0.003	0.051	0.023	0.053	0.119	0.187
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	12	7.	6.975	7.4	6.5	0.064	0.253	6.56	6.8	7.1	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	12	7.	6.907	7.4	6.5	0.069	0.263	6.56	6.8	7.1	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	12	0.1	0.124	0.316	0.04	0.006	0.077	0.043	0.079	0.158	0.281
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	12	15.	14.333	22.	4.	26.061	5.105	5.2	10.5	18.	20.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	8	0.185	0.182	0.44	0.01	0.018	0.134	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	11	0.37	0.407	1.1	0.18	0.064	0.253	0.182	0.26	0.49	0.984
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	12	165.	292.333	1390.	20.	142013.515	376.847	26.	117.5	288.75	1153.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	12	2.216	2.229	3.143	1.301	0.23	0.48	1.391	2.068	2.457	3.034
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			169.327								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1976 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	13	17.	15.308	22.	7.	23.397	4.837	7.8	11.	19.5	21.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	15	10100.	12367.333	23600.	3900.	43557692.381	6599.825	4776.	6370.	14900.	23600.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	13	7.5	17.538	54.	2.3	379.434	19.479	2.82	3.8	34.	52.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/70-06/11/76	6	40.	57.5	160.	20.	2697.5	51.937	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	13	10.4	10.315	12.6	8.2	1.796	1.34	8.44	9.1	11.4	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	13	3.2	3.331	5.3	1.7	0.862	0.929	1.94	2.75	3.95	4.86
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	13	7.3	7.262	7.7	6.8	0.051	0.226	6.88	7.15	7.4	7.62
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	13	7.3	7.206	7.7	6.8	0.054	0.233	6.88	7.15	7.4	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	13	0.05	0.062	0.158	0.02	0.001	0.036	0.025	0.04	0.071	0.135
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	13	7.	6.946	7.2	6.3	0.058	0.24	6.5	6.85	7.15	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	13	7.	6.867	7.2	6.3	0.064	0.254	6.5	6.85	7.15	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	13	0.1	0.136	0.501	0.063	0.013	0.115	0.063	0.071	0.142	0.364
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	13	15.	14.692	18.	9.	6.564	2.562	10.2	13.	16.5	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	13	0.08	0.083	0.18	0.02	0.002	0.043	0.022	0.055	0.11	0.156
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	13	0.34	0.358	0.58	0.18	0.012	0.108	0.208	0.29	0.42	0.556
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	80.	246.818	1000.	10.	139051.364	372.896	11.	40.	220.	996.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	11	1.903	1.968	3.	1.	0.417	0.646	1.035	1.602	2.342	2.998
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			92.872								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	14	21.	19.5	27.	5.	43.192	6.572	8.5	14.5	26.	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	10	6735.	9633.	32800.	2580.	81592356.667	9032.849	2622.	3990.	11625.	31140.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	11	29.	37.091	86.	4.	712.291	26.689	5.6	15.	50.	84.8
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	14	8.55	8.85	11.	7.4	1.169	1.081	7.65	8.175	9.25	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	11	2.7	2.718	4.1	1.2	0.662	0.813	1.32	2.3	3.1	4.02
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	14	7.3	7.321	7.5	7.	0.033	0.181	7.	7.25	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	14	7.3	7.284	7.5	7.	0.034	0.185	7.	7.25	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	14	0.05	0.052	0.1	0.032	0.001	0.024	0.032	0.032	0.057	0.1
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	11	7.1	7.055	7.4	6.3	0.083	0.288	6.42	7.	7.2	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	11	7.1	6.934	7.4	6.3	0.099	0.314	6.42	7.	7.2	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	11	0.079	0.116	0.501	0.04	0.017	0.13	0.042	0.063	0.1	0.426
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	11	16.	17.273	23.	13.	12.818	3.58	13.	15.	21.	22.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	11	0.05	0.081	0.22	0.01	0.004	0.063	0.013	0.05	0.12	0.208

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### Annual Analysis for 1977 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	11	0.36	0.369	0.53	0.18	0.014	0.118	0.186	0.3	0.48	0.53
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	7	160.	992.	5200.	50.	3610241.333	1900.064	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	7	2.204	2.393	3.716	1.699	0.54	0.735	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			247.088								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	14	0.3	0.429	0.9	0.3	0.065	0.255	0.3	0.3	0.45	0.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	12	15.	14.5	24.	6.	31.909	5.649	6.3	9.5	18.5	23.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	5035.	6292.5	19400.	1520.	22808856.818	4775.862	1520.	3790.	8277.5	16337.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	12	12.	12.892	33.	3.8	76.839	8.766	4.16	5.525	15.75	30.6
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	12	10.	9.942	13.8	6.9	3.748	1.936	7.05	8.225	11.2	13.11
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	12	1.7	2.	5.3	0.6	1.629	1.276	0.69	1.1	2.45	4.67
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	12	7.05	7.042	7.4	6.7	0.05	0.223	6.73	6.825	7.2	7.37
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	12	7.047	6.99	7.4	6.7	0.053	0.23	6.73	6.825	7.2	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	12	0.09	0.102	0.2	0.04	0.003	0.051	0.043	0.063	0.15	0.187
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	12	6.85	6.883	7.1	6.6	0.022	0.147	6.66	6.8	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	12	6.847	6.861	7.1	6.6	0.022	0.149	6.66	6.8	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	12	0.142	0.138	0.251	0.079	0.002	0.048	0.079	0.1	0.158	0.223
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	12	16.	15.583	20.	10.	9.902	3.147	10.3	14.	17.75	20.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	12 ##	0.025	0.031	0.05	0.025	0.	0.011	0.025	0.025	0.044	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	12	0.37	0.344	0.45	0.19	0.009	0.096	0.193	0.245	0.435	0.45
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	9	200.	237.111	470.	84.	17420.111	131.985	84.	150.	335.	470.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	9	2.301	2.318	2.672	1.924	0.056	0.237	1.924	2.167	2.503	2.672
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			207.879								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1979 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	15	17.	16.533	28.	6.	49.981	7.07	7.2	10.	24.	25.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	7320.	9132.5	30100.	2180.	58113784.091	7623.24	2519.	4337.5	12750.	25300.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	12	8.5	13.65	65.	2.5	290.995	17.059	2.74	5.225	14.5	52.1
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	15	8.9	9.34	11.8	7.4	1.893	1.376	7.76	8.1	10.4	11.62
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	12	2.4	2.558	4.4	1.	1.21	1.1	1.06	1.725	3.45	4.34
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	15	7.1	7.18	8.1	6.4	0.239	0.489	6.4	7.	7.5	8.04
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	15	7.1	6.952	8.1	6.4	0.294	0.543	6.4	7.	7.5	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	15	0.079	0.112	0.398	0.008	0.015	0.123	0.009	0.032	0.1	0.398
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	12	6.8	6.85	7.2	6.6	0.048	0.22	6.6	6.7	7.075	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	12	6.8	6.805	7.2	6.6	0.05	0.225	6.6	6.7	7.075	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	12	0.158	0.157	0.251	0.063	0.005	0.067	0.063	0.085	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	12	15.5	16.5	23.	13.	11.545	3.398	13.	14.	19.25	22.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	11 ##	0.025	0.04	0.12	0.02	0.001	0.03	0.021	0.025	0.06	0.108
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	11	0.35	0.349	0.52	0.22	0.006	0.075	0.232	0.32	0.37	0.498
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	10	140.	184.2	550.	46.	20057.289	141.624	50.	104.	222.5	518.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	10	2.142	2.175	2.74	1.663	0.084	0.29	1.69	2.015	2.347	2.702
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			149.509								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	15	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1980 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	12	21.	19.25	29.	7.	61.795	7.861	7.3	11.5	26.625	28.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	15	7250.	7764.667	15900.	2510.	11443998.095	3382.898	2684.	5930.	10200.	13140.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	9	8.	9.378	15.	3.9	17.704	4.208	3.9	5.95	14.25	15.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	12	8.65	9.675	13.	7.3	4.788	2.188	7.3	8.025	12.15	12.94
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	9	2.1	2.5	5.7	0.9	2.13	1.459	0.9	1.6	3.2	5.7
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	12	6.9	6.85	7.3	6.	0.159	0.399	6.09	6.625	7.2	7.27
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	12	6.9	6.651	7.3	6.	0.202	0.45	6.09	6.625	7.2	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	12	0.126	0.223	1.	0.05	0.076	0.275	0.054	0.063	0.238	0.85
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	9	6.8	6.733	7.1	6.4	0.06	0.245	6.4	6.5	6.95	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	9	6.8	6.675	7.1	6.4	0.064	0.253	6.4	6.5	6.95	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	9	0.158	0.212	0.398	0.079	0.013	0.112	0.079	0.113	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	9	14.	15.444	22.	11.	14.528	3.812	11.	12.5	18.5	22.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	8	0.1	0.096	0.2	0.025	0.003	0.055	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	8	0.38	0.358	0.4	0.29	0.002	0.041	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	3	180.	174.333	280.	63.	11796.333	108.611	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	3	2.255	2.167	2.447	1.799	0.111	0.333	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			146.98								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	8	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	3	24.	24.5	30.5	19.	33.25	5.766	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	4355.	5057.5	11200.	1040.	8001002.273	2828.604	1523.	3270.	6870.	10468.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	3	9.2	9.233	9.9	8.6	0.423	0.651	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	3	7.7	7.433	7.8	6.8	0.303	0.551	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	3	7.7	7.189	7.8	6.8	0.393	0.627	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	3	0.02	0.065	0.158	0.016	0.007	0.081	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	3	26.2	25.4	27.	23.	4.48	2.117	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	16	5250.	13473.125	52400.	1600.	266797796.25	16333.946	2034.	3530.	19050.	52050.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	3	8.5	8.5	8.6	8.4	0.01	0.1	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	3	6.3	6.333	6.5	6.2	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	3	6.3	6.316	6.5	6.2	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	3	0.501	0.483	0.631	0.316	0.025	0.158	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	4245.	11715.833	45300.	1450.	190449608.333	13800.348	1615.	2517.5	21475.	39690.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**

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### Annual Analysis for 1983 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	2	24.65	24.65	25.	24.3	0.245	0.495	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	10360.	14136.667	45400.	4100.	149915169.697	12243.985	4166.	4630.	20075.	39400.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	2	8.2	8.2	8.5	7.9	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	2	6.45	6.45	6.5	6.4	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	2	6.447	6.447	6.5	6.4	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	2	0.357	0.357	0.398	0.316	0.003	0.058	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	2	27.25	27.25	28.	26.5	1.125	1.061	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	11	4530.	6157.273	16700.	1510.	24723761.818	4972.299	1638.	2200.	9460.	16000.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	2	7.175	7.175	7.4	6.95	0.101	0.318	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	2	7.119	7.119	7.4	6.95	0.107	0.328	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	2	0.076	0.076	0.112	0.04	0.003	0.051	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	2	27.75	27.75	28.	27.5	0.125	0.354	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	13	4050.	5633.846	18400.	1490.	22199342.308	4711.618	1742.	2525.	6710.	15760.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	2	7.05	7.05	7.45	6.65	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	2	6.887	6.887	7.45	6.65	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	2	0.13	0.13	0.224	0.035	0.018	0.133	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	11	3170.	5692.727	18500.	1290.	27874861.818	5279.665	1314.	2290.	7540.	17220.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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### Annual Analysis for 1987 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	3695.	4398.333	9620.	2200.	4905396.97	2214.813	2206.	2802.5	6005.	8708.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	4385.	7425.	18600.	1200.	42394009.091	6511.068	1431.	2660.	13675.	18570.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	8630.	9241.667	17100.	2620.	25341178.788	5034.002	2941.	4672.5	14075.	16530.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	6	8900.	10510.	19900.	5200.	29162040.	5400.189	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	3	12900.	11970.	13800.	9210.	5915700.	2432.221	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	12	7095.	8336.667	19700.	2600.	28319587.879	5321.615	2813.	4407.5	10150.	18830.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	9	7040.	7464.444	10000.	4670.	3031352.778	1741.078	4670.	6440.	9220.	10000.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	60	23.75	23.025	30.5	13.	15.752	3.969	17.	20.	26.	28.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	99	4210.	5938.586	32800.	1040.	26003495.939	5099.362	2120.	2800.	7250.	12800.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	29	10.	18.693	86.	2.3	400.117	20.003	3.7	6.6	23.	54.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	59	8.4	8.31	10.2	6.8	0.589	0.768	7.3	7.9	8.8	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	44	2.5	2.657	7.	0.1	2.409	1.552	0.85	1.525	3.175	4.75
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/10/87	14	10.5	11.214	27.	2.5	53.527	7.316	2.5	4.5	15.25	24.5
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	53	7.2	7.123	8.1	6.	0.229	0.479	6.4	6.8	7.425	7.8
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	53	7.2	6.858	8.1	6.	0.3	0.548	6.4	6.8	7.425	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	53	0.063	0.139	1.	0.008	0.034	0.184	0.016	0.038	0.158	0.398
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	08/29/77-08/27/86	28	70.	77.75	170.	55.	507.306	22.523	60.	65.	87.5	100.5
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	44	7.	6.957	7.5	6.3	0.081	0.284	6.55	6.8	7.175	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	44	7.	6.858	7.5	6.3	0.091	0.301	6.55	6.8	7.175	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	44	0.1	0.139	0.501	0.032	0.012	0.111	0.05	0.067	0.158	0.299
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	44	19.	19.205	34.	4.	36.818	6.068	12.5	15.	23.	26.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/77-11/10/87	14	7.5	20.357	176.	1.	2035.94	45.121	1.	4.5	14.25	97.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	24	0.06	0.088	0.24	0.02	0.004	0.066	0.025	0.05	0.108	0.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-11/10/87	20	0.405	0.449	1.05	0.025	0.093	0.304	0.073	0.155	0.617	0.908
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	37	0.33	0.463	2.86	0.04	0.263	0.513	0.18	0.285	0.415	0.82
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/10/73-11/10/87	23	0.05	0.08	0.34	0.025	0.008	0.087	0.025	0.03	0.08	0.266
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-11/10/87	21	5.1	6.576	27.1	0.5	30.08	5.485	2.7	4.	7.	13.3
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-11/10/87	9##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-11/10/87	9##	25.	28.889	60.	25.	136.111	11.667	25.	25.	25.	60.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-11/10/87	9##	50.	47.222	50.	25.	69.444	8.333	25.	50.	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-11/10/87	9	500.	670.	1300.	300.	110600.	332.566	300.	415.	950.	1300.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-11/10/87	9##	25.	60.556	260.	25.	5790.278	76.094	25.	25.	55.	260.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-11/10/87	9	60.	57.778	120.	25.	788.194	28.075	25.	37.5	65.	120.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-11/10/87	9##	50.	47.222	50.	25.	69.444	8.333	25.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-11/10/87	9	100.	180.556	400.	25.	18402.778	135.657	25.	100.	300.	400.
01360	SAMPLE LENGTH CM	05/24/77-06/10/85	19	23.5	26.584	74.	14.5	178.05	13.344	16.	19.	31.	40.
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/24/77-06/10/85	19	119.	370.526	3980.	49.	787588.152	887.462	49.	72.	233.	705.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	33	220.	1251.788	24000.	40.	17598011.735	4194.998	50.	105.	600.	1856.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	33	2.342	2.444	4.38	1.602	0.383	0.619	1.699	2.017	2.778	3.256
31616p	GEOMETRIC MEAN =				277.686								
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-11/10/87	22##	0.25	0.344	2.1	0.025	0.203	0.45	0.1	0.1	0.35	0.77
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	47	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	40	10.	10.213	16.	5.	8.088	2.844	7.	8.	12.	14.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	96	9645.	12005.104	52400.	1970.	80062606.305	8947.771	4288.	6345.	14500.	20900.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	28	10.	14.475	50.	3.3	160.767	12.679	3.89	5.475	19.75	34.5
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	40	11.25	11.3	13.8	8.8	0.942	0.971	10.2	10.6	11.775	12.78
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	41	2.3	2.271	4.6	0.6	1.046	1.023	1.	1.35	3.2	3.6
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/10/87	15	12.	12.587	21.	7.	17.934	4.235	7.6	9.	14.	20.4
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	36	7.15	7.106	7.7	6.4	0.099	0.315	6.7	6.825	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	36	7.147	6.992	7.7	6.4	0.113	0.336	6.7	6.825	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	36	0.071	0.102	0.398	0.02	0.007	0.082	0.032	0.05	0.15	0.2
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	08/29/77-08/27/86	12	50.	52.083	85.	40.	170.265	13.049	40.	40.	60.	77.5
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	41	6.9	6.934	7.6	6.2	0.091	0.302	6.52	6.7	7.1	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	41	6.9	6.83	7.6	6.2	0.102	0.32	6.52	6.7	7.1	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	41	0.126	0.148	0.631	0.025	0.013	0.116	0.044	0.079	0.2	0.303
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	41	16.	18.	44.	10.	43.95	6.629	12.	13.	20.5	27.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/77-11/10/87	14	6.	6.714	21.	1.	28.22	5.312	1.	2.75	9.25	16.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	25 ##	0.025	0.055	0.18	0.01	0.002	0.044	0.016	0.025	0.09	0.12

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-11/10/87	24	0.35	0.392	1.04	0.025	0.081	0.285	0.05	0.14	0.51	0.945
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	33	0.35	0.35	0.63	0.18	0.012	0.108	0.194	0.27	0.4	0.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/10/73-11/10/87	21	0.05	0.055	0.15	0.02	0.001	0.035	0.021	0.025	0.065	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-11/10/87	21	4.5	6.819	21.8	1.6	26.978	5.194	2.5	10.	13.88	
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-11/10/87	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-11/10/87	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-11/10/87	10 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-11/10/87	10	415.	483.	900.	300.	28001.111	167.335	310.	400.	525.	870.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-11/10/87	10 ##	25.	32.5	100.	25.	562.5	23.717	25.	25.	25.	92.5
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-11/10/87	10 ##	25.	92.	330.	25.	11112.222	105.415	25.	25.	170.	317.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-11/10/87	10 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-11/10/87	10 ##	50.	70.	200.	50.	2333.333	48.305	50.	50.	62.5	190.
01360	SAMPLE LENGTH CM	05/24/77-06/10/85	4	37.	41.425	69.2	22.5	413.589	20.337	**	**	**	**
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/24/77-06/10/85	4	630.	611.25	1005.	180.	155572.917	394.427	**	**	**	**
31616p	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	33	180.	359.758	2700.	17.	298221.814	546.097	28.	83.	285.	976.
31616p	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/28/71-04/30/97	33	2.255	2.231	3.431	1.23	0.284	0.533	1.421	1.919	2.449	2.989
31616p	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			170.254								
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-11/10/87	24	0.225	0.675	5.3	0.05	1.342	1.158	0.1	0.1	0.775	2.15
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	34	0.3	0.309	0.6	0.3	0.003	0.051	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/70-08/27/86	35	20.	20.014	27.	10.	18.434	4.293	13.6	17.	23.	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/18/74-09/28/94	63	6380.	8402.857	45300.	1200.	51678936.866	7188.806	2954.	4760.	9860.	16460.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/12/74-11/10/87	21	18.	38.981	225.	3.6	2425.702	49.251	6.54	11.	55.5	80.
00300	OXYGEN, DISSOLVED MG/L	08/06/70-08/27/86	35	8.7	9.011	12.2	7.	1.463	1.209	7.64	8.	9.8	10.84
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/70-11/10/87	32	2.4	2.728	7.8	0.1	2.592	1.61	1.02	1.6	3.85	5.12
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/10/87	8	10.	11.325	20.	7.6	16.674	4.083	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/72-08/27/86	28	7.2	7.159	7.9	6.4	0.099	0.315	6.78	7.	7.375	7.52
00400	CONVERTED PH (STANDARD UNITS)	08/22/72-08/27/86	28	7.2	7.044	7.9	6.4	0.113	0.336	6.78	7.	7.375	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/72-08/27/86	28	0.063	0.09	0.398	0.013	0.006	0.079	0.03	0.042	0.1	0.168
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	08/29/77-08/27/86	10	50.	62.3	165.	10.	1640.678	40.505	13.8	49.5	70.	157.
00403	PH, LAB, STANDARD UNITS SU	08/06/70-11/10/87	33	6.9	6.715	7.4	1.6	0.941	0.97	6.38	6.6	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/70-11/10/87	33	6.9	3.118	7.4	1.6	14.282	3.779	6.38	6.6	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/70-11/10/87	33	0.126	761.346	25118.864	0.04	19119655.261	4372.603	0.05	0.079	0.251	0.427
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/06/70-11/10/87	32	18.	18.875	36.	8.	28.371	5.326	13.3	16.	22.	24.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/77-11/10/87	9	11.	11.667	26.	4.	44.5	6.671	4.	7.	15.5	26.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/74-11/10/87	16	0.065	0.104	0.44	0.025	0.012	0.109	0.025	0.025	0.15	0.272
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/29/74-11/10/87	16	0.455	0.54	0.97	0.1	0.082	0.286	0.191	0.313	0.885	0.949
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/71-11/10/87	25	0.38	0.394	0.53	0.26	0.005	0.07	0.294	0.355	0.445	0.496
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/10/73-11/10/87	15	0.06	0.073	0.25	0.015	0.003	0.057	0.018	0.04	0.1	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/74-11/10/87	16	4.4	5.313	10.	0.5	9.071	3.012	1.62	3.1	7.975	9.93
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-11/10/87	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-11/10/87	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-11/10/87	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-11/10/87	6	750.	733.333	900.	500.	34666.667	186.19	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-11/10/87	6 ##	25.	29.167	50.	25.	104.167	10.206	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-11/10/87	6 ##	42.5	44.167	70.	25.	454.167	21.311	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-11/10/87	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-11/10/87	6 ##	75.	125.	400.	50.	18750.	136.931	**	**	**	**
01360	SAMPLE LENGTH CM	05/24/77-06/10/85	14	29.5	32.464	79.	14.5	224.441	14.981	18.25	25.875	34.625	61.5
01374	SAMPLE, INDIVIDUAL WT BIOLOGICAL TISSUE GRAMS	05/24/77-06/10/85	14	223.	659.786	5100.	60.	1723747.104	1312.915	98.	179.	380.5	3200.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	23	180.	1129.478	16090.	10.	10930057.625	3306.064	17.	125.	580.	1876.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/71-04/30/97	23	2.255	2.41	4.207	1.	0.511	0.715	1.226	2.097	2.763	3.263

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

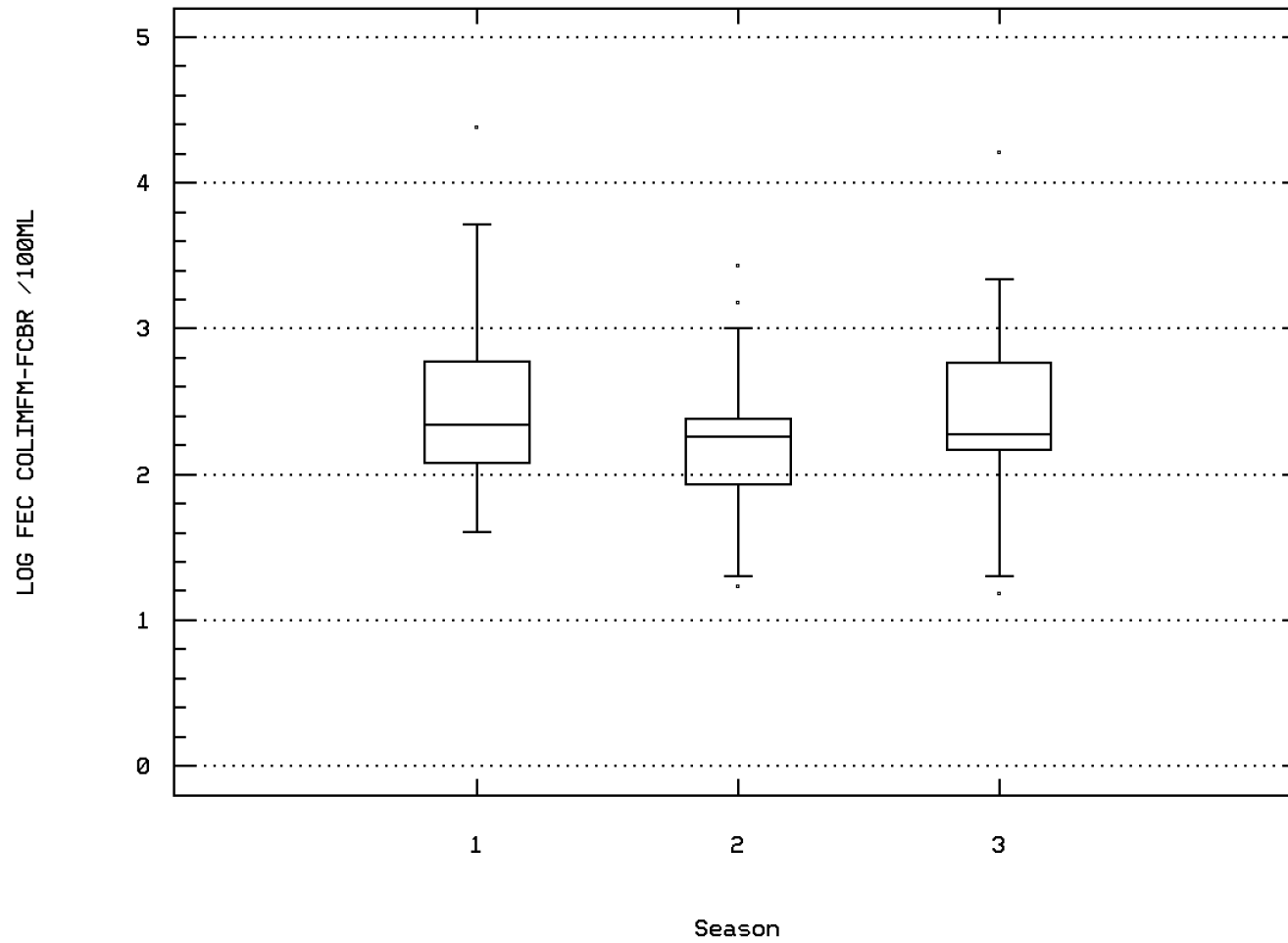
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			257.159								
71900 MERCURY, TOTAL (UG/L AS HG)	02/04/72-11/10/87	15 ##	0.25	0.702	3.4	0.03	0.996	0.998	0.072	0.1	1.4	2.68
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/06/72-08/27/86	27	0.3	0.367	0.9	0.3	0.037	0.192	0.3	0.3	0.3	0.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0164 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



CONGAREE RVR AT BLOSSOM ST



## Station Inventory for Station: COSW0165

NPS Station ID: COSW0165      LAT/LON: 33.988892/ -81.044448

Location: CONGAREE RIVER AT BLOSSOM ST RIGHT-BROAD RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110030

RF3 Index: 03050110002900.00

Description:

SAMPLED BY SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL FIRST SAMPLED OCTOBER 1980,DATA PRIOR TO THAT DATE IS IN CSB-001.

THIS STATION DESCRIBES THE WATER QUALITY OF THE RIGHT SIDE OF THE CONGAREE RIVER AT BLOSSOM ST WHICH IS BROAD RIVER WATER.

THE SAMPLE IS TAKEN 25% FROM THE RIGHT BANK LOOKING UPSTREAM.

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CSB-001R

Within Park Boundary: No

Date Created: 12/13/80

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.07

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	193	17.	17.179	32.5	1.1	47.292	6.877	8.	11.75	23.	26.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	195	21.	19.785	42.	0.	63.432	7.964	8.3	13.	26.	29.4
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/03/94-02/03/94	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	199	12.	18.854	120.	1.	377.968	19.441	5.	7.2	22.	42.
00300 OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	194	8.95	9.157	19.	6.	3.059	1.749	7.3	7.975	10.325	11.35
00310 BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	198	1.6	1.946	7.7	0.4	1.555	1.247	0.8	1.1	2.225	3.7
00335 COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	83	6.	8.929	69.	2.5	113.889	10.672	2.5	2.5	10.	21.4
00339 COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/05/80-11/21/86	7	14000.	16557.143	44000.	4900.	181592857.143	13475.639	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/80-06/17/97	194	7.2	7.212	8.8	6.2	0.203	0.45	6.625	7.	7.5	7.7
00400 CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	194	7.2	6.989	8.8	6.2	0.253	0.503	6.625	7.	7.5	7.7
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	194	0.063	0.103	0.631	0.002	0.016	0.125	0.02	0.032	0.1	0.238
00402 SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	179	75.	77.855	250.	40.	633.428	25.168	50.	60.	90.	110.
00403 PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	144	7.2	7.207	9.2	5.3	0.256	0.506	6.5	6.9	7.5	7.7
00403 CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	144	7.2	6.856	9.2	5.3	0.379	0.616	6.5	6.9	7.5	7.7
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	144	0.063	0.139	5.012	0.001	0.183	0.428	0.02	0.032	0.126	0.316
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	199	21.	21.141	50.	2.	32.899	5.736	15.	18.	24.	27.
00500 RESIDUE, TOTAL (MG/L)	12/18/86-03/02/90	3	8.	23.667	59.	4.	940.333	30.665	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	181	10.	17.354	250.	0.025	758.822	27.547	3.	5.	18.	35.8
00557 OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/05/80-11/21/89	10	440.	751.	2800.	110.	689276.667	830.227	114.	322.5	887.5	2680.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	196 ##	0.025	0.113	4.5	0.025	0.127	0.356	0.025	0.025	0.09	0.203
00624 NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/25/92-08/25/92	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	193	0.46	0.632	7.4	0.05	0.507	0.712	0.24	0.325	0.7	1.036
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/05/80-11/02/84	5 ##	1.25	16.25	62.5	1.25	703.906	26.531	**	**	**	**
00627 NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/08/85-02/28/96	11	190.	312.818	976.	20.	94681.964	307.704	31.6	80.	500.	924.8
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	198	0.32	0.342	2.4	0.07	0.04	0.201	0.21	0.26	0.38	0.431
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	197	0.06	0.088	1.22	0.01	0.011	0.106	0.025	0.04	0.1	0.19
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/05/80-02/28/96	16	132.5	153.863	394.	1.25	18192.488	134.88	1.25	22.375	241.	391.2
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	193	4.	4.903	63.	0.5	25.097	5.01	2.24	3.	5.6	7.32
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/10/83-02/26/97	14	15.5	15.643	19.	13.	2.863	1.692	13.5	14.	17.	18.5
00916 CALCIUM, TOTAL (MG/L AS Ca)	11/10/83-03/10/86	3	3.1	3.467	4.3	3.	0.523	0.723	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	3	1.7	1.567	1.7	1.3	0.053	0.231	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	90 ##	5.	5.056	10.	5.	0.278	0.527	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16 ##	0.5	0.563	1.	0.5	0.029	0.171	0.5	0.5	1.
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16	10.5	9.944	23.	2.5	29.271	5.41	2.5	5.25	13.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	90 ##	25.	17.111	25.	5.	94.931	9.743	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	90 ##	25.	19.333	50.	5.	124.831	11.173	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/05/80-02/28/96	16	3.75	6.181	35.	1.1	65.304	8.081	1.45	2.5	6.525
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	90	700.	1355.889	17000.	190.	4407375.044	2099.375	330.	510.	1300.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	90 ##	25.	29.	100.	25.	159.663	12.636	25.	25.	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/05/80-02/28/96	16	13.	14.938	49.	2.5	165.151	12.851	2.5	6.375	19.25
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	89	50.	66.742	600.	10.	5907.444	76.86	25.	25.	70.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	90 ##	25.	22.	150.	10.	297.079	17.236	10.	10.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16	3.35	4.138	10.	2.2	5.142	2.268	2.2	2.5	5.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	90	25.	50.778	330.	5.	3319.613	57.616	5.	25.	70.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/05/80-02/28/96	16	23.5	40.988	300.	4.8	5015.838	70.823	6.41	9.325	36.
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	4	215.	237.5	410.	110.	15691.667	125.266	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/21/89-11/21/89	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/21/89-11/21/89	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-11/10/92	4	230.	270.	500.	120.	26200.	161.864	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-11/10/92	4	2.362	2.375	2.699	2.079	0.064	0.254	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			237.357							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	158	125.	326.076	8000.	9.	575412.924	758.56	33.6	57.	322.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	158	2.097	2.153	3.903	0.954	0.279	0.528	1.526	1.756	2.508
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.271							
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
32104	BROMOFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
32106	CHLOROFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	10 ##	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.9
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34200	ACENAPHTHYLENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34205	ACENAPHTHENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	168.875	301.	150.	2850.125	53.387	**	**	**
34220	ANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34223	ANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	199.125	543.	150.	19306.125	138.946	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	282.75	842.	150.	67826.214	260.435	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/08/85-02/28/96	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	13 ##	1.	3.077	10.	1.	15.577	3.947	1.	1.	5.5
34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/13/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
34311	CHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34314	CHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34320	CHRYSENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34323	CHRYSENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	314.5	956.	150.	99036.286	314.7	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/21/86-02/28/96	9 ##	150.	489.644	1880.	38.8	380820.538	617.107	38.8	150.	869.	1880.
34381	FLUORENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34384	FLUORENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	170.125	311.	150.	3240.125	56.922	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34411	ISOPHORONE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	05/19/88-03/11/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34418	METHYL CHLORIDE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34423	METHYLENE CHLORIDE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	2.52	16.2	1.	23.104	4.807	1.	1.	1.	14.68
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	133.444	150.	1.	2466.778	49.667	1.	150.	150.	150.
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34450	NITROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34461	PHENANTHRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	554.375	2030.	150.	459767.411	678.062	**	**	**	**
34469	PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34472	PYRENE DRY WGTBOTUG/KG	11/21/86-02/28/96	9 ##	150.	602.	2080.	39.	636235.75	797.644	39.	150.	1274.5	2080.
34475	TETRACHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	9.241	10.	3.93	4.606	2.146	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34493	VINYL CHLORIDE DISSUG/L	11/26/90-11/26/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34524 BENZO(GH)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34526 BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34529 BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	300.625	865.	150.	81403.125	285.312	**	**	**	**
34531 1,2-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34534 1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34536 1,2-DICHLOROETHANE DRY WGTBOTUG/KG	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.	2.
34539 1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34541 1,2-DICHLOROPROPANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34544 1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34549 TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34551 1,2,4-TRICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34554 1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34556 1,2,5,6-DIBENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34559 1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34566 1,3-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.	2.
34569 1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34571 1,4-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.	2.
34574 1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	115.	150.	10.	4200.	64.807	**	**	**	**
34576 2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34579 2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34581 2-CHLORONAPHTHALENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34584 2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34586 2-CHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34589 2-CHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34591 2-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34594 2-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34596 DI-N-OCTYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34599 DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34601 2,4-DICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34604 2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34606 2,4-DIMETHYLPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34609 2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34611 2,4-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34614 2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34616 2,4-DINITROPHENOL TOTWUG/L	05/19/88-03/07/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34619 2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/11/87-11/26/90	3 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34621 2,4,6-TRICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34624 2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34626 2,6-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34629 2,6-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34631 3,3'-DICHLOROBENZIDINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34634 3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34636 4-BROMOPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34639 4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34641 4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34644 4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34646 4-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34649 4-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34657 DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34671 PCB - 1016 TOTWUG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
34694 PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34695 PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34696 NAPHTHALENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34697 TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34699 TRANS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34702 CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34704 CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39076 BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/08/85-02/28/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39102 BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39110 DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	11/11/87-02/28/96	8 ###	150.	497.5	2930.	150.	966050.	982.878	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/07/91	3 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/11/87-11/26/90	3 ###	150.	150.	150.	150.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	10 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	10 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	13 ###	0.025	0.024	0.025	0.015	0.	0.003	0.019	0.025	0.025	0.025
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.891	8.02	1.	4.083	2.021	1.	1.	1.64	5.955
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	10 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	12 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	13 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.299	5.18	1.	1.248	1.117	1.	1.	1.	3.09
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	10 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	12 ###	1.	2.058	13.7	1.	13.441	3.666	1.	1.	1.	9.89
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	13 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.14	2.96	1.	0.274	0.524	1.	1.	1.	1.98
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	10 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/84-02/14/94	9 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	15 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/87-03/11/97	11 ###	0.025	0.066	0.25	0.025	0.008	0.091	0.025	0.025	0.025	0.25
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/81-02/28/96	10 ###	1.	4.35	24.	1.	52.781	7.265	1.	5.625	22.35	
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	1 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	14 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.2	1.25	0.025	0.198	0.445	0.025	0.025	0.025	1.25
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	14 ###	1.	3.429	35.	1.	82.571	9.087	1.	1.	1.	18.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	14 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/05/80-02/28/96	14 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	12 ###	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/05/80-02/14/94	12 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.3	0.5	0.25	0.011	0.105	0.25	0.25	0.313	0.5
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/11/87-02/14/94	6 ###	5.	5.	5.	5.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ###	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/11/87-02/28/96	8 ###	5.	5.313	7.5	5.	0.781	0.884	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/13/87	5 ###	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-11/21/86	6 ###	5.	5.	5.	5.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	6 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6 ###	2.	2.	2.	2.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	1 ###	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ###	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39700	HEXACHLORO BENZENE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/11/97	10 ##	2.	1.61	2.	0.05	0.676	0.822	0.05	1.513	2.	2.
39701	HEXACHLORO BENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/11/87-02/28/96	8 ##	150.	113.	150.	2.	4693.714	68.511	**	**	**	**
39705	HEXACHLORO BUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/13/87-03/22/94	8 ##	0.05	0.047	0.05	0.025	0.	0.009	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	6 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/08/85-03/13/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/08/85-03/13/87	3	0.	11490.667	34472.	0.	396106261.333	19902.418	**	**	**	**
50086	SETTLEABLE MATTER (ML/L/HR)	08/19/82-01/27/84	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/21/95-02/28/96	2	22.5	22.5	23.	22.	0.5	0.707	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/05/80-02/28/96	16	2.	2.094	5.	0.5	2.566	1.602	0.5	0.5	3.75	4.79
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	89 ##	0.1	0.162	2.2	0.1	0.071	0.266	0.1	0.1	0.1	0.2
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/05/80-02/28/96	16 ##	0.15	0.144	0.15	0.1	0.	0.017	0.1	0.15	0.15	0.15
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
77089	ANILINE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77146	P-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77152	O-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77625	AZOBENZENE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/11/87-02/28/96	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/14/94	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/07/88-02/28/96	7 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/11/87-02/28/96	8 ##	150.	192.	486.	150.	14112.	118.794	**	**	**	**
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	155	0.3	0.3	0.3	0.25	0.	0.004	0.3	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/07/88-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	199	13	0.07	76	3	0.04	72	6	0.08	51	4	0.08		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	194	0	0.00	72	0	0.00	71	0	0.00	51	0	0.00		
00400	PH	Other-Hi Lim.	9.	194	0	0.00	72	0	0.00	71	0	0.00	51	0	0.00		
		Other-Lo Lim.	6.5	194	16	0.08	72	6	0.08	71	6	0.08	51	4	0.08		
00403	PH, LAB	Other-Hi Lim.	9.	144	1	0.01	55	0	0.00	52	0	0.00	37	1	0.03		
		Other-Lo Lim.	6.5	144	15	0.10	55	4	0.07	52	5	0.10	37	6	0.16		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: COSW0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	198	0	0.00	75	0	0.00	72	0	0.00	51	0	0.00			
01027	CADMIUM, TOTAL	3.9	1 &	1	1.00				1	1	1.00						
	Drinking Water	5.	1 &	1	1.00				1	1	1.00						
01034	CHROMIUM, TOTAL	100.	90	0	0.00	34	0	0.00	30	0	0.00	26	0	0.00			
01042	COPPER, TOTAL	18.	36 &	4	0.11	13	0	0.00	13	1	0.08	10	3	0.30			
	Drinking Water	1300.	90	0	0.00	34	0	0.00	30	0	0.00	26	0	0.00			
01051	LEAD, TOTAL	82.	90	1	0.01	34	0	0.00	30	1	0.03	26	0	0.00			
	Drinking Water	15.	10 &	10	1.00	3	3	1.00	4	4	1.00	3	3	1.00			
01067	NICKEL, TOTAL	1400.	90	0	0.00	34	0	0.00	30	0	0.00	26	0	0.00			
	Drinking Water	100.	90	1	0.01	34	0	0.00	30	0	0.00	26	1	0.04			
01092	ZINC, TOTAL	120.	90	8	0.09	34	6	0.18	30	1	0.03	26	1	0.04			
	Drinking Water	5000.	90	0	0.00	34	0	0.00	30	0	0.00	26	0	0.00			
31615	FECAL COLIFORM, MPN	200.	4	3	0.75	1	1	1.00	2	1	0.50	1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	158	70	0.44	60	27	0.45	60	28	0.47	38	15	0.39			
32101	BROMODICHLOROMETHANE, WHOLE WATER	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	35200.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
32104	BROMOFORM, WHOLE WATER	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32106	CHLOROFORM, WHOLE WATER	28900.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	17500.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	1000.	10	0	0.00				6	0	0.00	4	0	0.00			
34205	ACENAPHTHENE, TOTAL	1700.	9	0	0.00				7	0	0.00	2	0	0.00			
34301	CHLOROBENZENE, TOTAL	100.	13	0	0.00				9	0	0.00	4	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	0.22	10	0	0.00				7	0	0.00	3	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	0.22	10	0	0.00				7	0	0.00	3	0	0.00			
34371	ETHYLBENZENE, TOTAL	32000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	700.	10	0	0.00				6	0	0.00	4	0	0.00			
34376	FLUORANTHENE, TOTAL	3980.	9	0	0.00				7	0	0.00	2	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	7.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	50.	9	0	0.00				7	0	0.00	2	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	90.	9	0	0.00				7	0	0.00	2	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	980.	9	0	0.00				7	0	0.00	2	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	117000.	9	0	0.00				7	0	0.00	2	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	5.	10	1	0.10				6	1	0.17	4	0	0.00			
34447	NITROBENZENE, TOTAL	27000.	9	0	0.00				7	0	0.00	2	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34461	PHENANTHRENE, TOTAL	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	5280.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34493	VINYL CHLORIDE, DISSOLVED	2.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	7.	10	0	0.00				6	0	0.00	4	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	200.	10	0	0.00				6	0	0.00	4	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	118000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	100.	10	0	0.00				6	0	0.00	4	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	70.	9	0	0.00				7	0	0.00	2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	75.	11	0	0.00				7	0	0.00	4	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	4380.	9	0	0.00				7	0	0.00	2	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	2020.	9	0	0.00				7	0	0.00	2	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	2120.	9	0	0.00				7	0	0.00	2	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	330.	9	0	0.00				7	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	9	0	0.00				7	0	0.00	2	0	0.00			
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	9	0	0.00				7	0	0.00	2	0	0.00			
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	1.	0 &	0	0.00												
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	6.	9	0	0.00				7	0	0.00	2	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	10	0	0.00				6	0	0.00	4	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	13	0	0.00	1	0	0.00	9	0	0.00	3	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	13	0	0.00	1	0	0.00	9	0	0.00	3	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	13	0	0.00	1	0	0.00	9	0	0.00	3	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	11	0	0.00				8	0	0.00	3	0	0.00			
	Drinking Water	2.	11	0	0.00				8	0	0.00	3	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	2.	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	12 &	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water	3.	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.4	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.2	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	9	0	0.00				6	0	0.00	3	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	10	0	0.00				7	0	0.00	3	0	0.00			
	Drinking Water	1.	2 &	0	0.00							2	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.2	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	89	0	0.00	34	0	0.00	30	0	0.00	25	0	0.00			
	Drinking Water	2.	89	1	0.01	34	0	0.00	30	1	0.03	25	0	0.00			
77687 2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	9	0	0.00				7	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### Annual Analysis for 1980 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	3	16.	14.667	17.	11.	10.333	3.215	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	3	13.	11.667	16.	6.	26.333	5.132	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	3	8.4	8.467	10.	7.	2.253	1.501	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	3	9.	9.4	10.8	8.4	1.56	1.249	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	3	2.2	2.133	2.8	1.4	0.493	0.702	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	3	6.9	6.8	7.1	6.4	0.13	0.361	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	3	6.9	6.696	7.1	6.4	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	3	0.126	0.201	0.398	0.079	0.03	0.172	**	**	**	**
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	3	65.	65.	70.	60.	25.	5.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	3	7.	7.033	7.1	7.	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	3	7.	7.031	7.1	7.	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	3	0.1	0.093	0.1	0.079	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	3	21.	22.	27.	18.	21.	4.583	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	3	7.	7.	8.	6.	1.	1.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	3	0.08	0.11	0.2	0.05	0.006	0.079	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	2	0.61	0.61	0.71	0.51	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	3	0.35	0.357	0.39	0.33	0.001	0.031	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	3	0.05	0.057	0.08	0.04	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	3	3.3	3.267	3.3	3.2	0.003	0.058	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	1	46.	46.	46.	46.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	1	1.663	1.663	1.663	1.663	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			46.								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	14.	16.273	27.	6.	58.018	7.617	6.2	8.	23.	26.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	16.591	31.	1.	82.741	9.096	2.2	7.	24.	29.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	11	9.4	16.918	56.	6.7	224.678	14.989	6.76	9.	22.	51.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.8	9.9	12.6	7.1	3.696	1.922	7.28	8.	11.8	12.46
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	3.	3.191	5.1	2.2	0.755	0.869	2.22	2.5	3.7	4.88
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	10	6.	9.5	24.	2.5	65.111	8.069	2.5	4.375	13.5	24.
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	7.155	8.1	6.3	0.209	0.457	6.4	6.8	7.4	7.98
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	6.945	8.1	6.3	0.257	0.507	6.4	6.8	7.4	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.079	0.114	0.501	0.008	0.019	0.137	0.013	0.04	0.158	0.433
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	9	80.	73.333	90.	50.	200.	14.142	50.	60.	85.	90.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	11	6.7	6.782	7.4	6.2	0.174	0.417	6.2	6.5	7.3	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	11	6.7	6.618	7.4	6.2	0.203	0.451	6.2	6.5	7.3	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	11	0.2	0.241	0.631	0.04	0.045	0.211	0.042	0.05	0.316	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	11	20.	21.455	32.	14.	28.673	5.355	14.2	19.	27.	31.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	9.	13.455	36.	2.	105.473	10.27	2.6	6.	20.	34.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	9	0.28	0.804	4.5	0.06	2.008	1.417	0.06	0.125	0.8	4.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	8	1.29	2.325	7.4	0.56	6.493	2.548	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	10	0.365	0.401	0.86	0.22	0.033	0.183	0.222	0.293	0.45	0.825
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	9	0.1	0.149	0.42	0.02	0.015	0.122	0.02	0.065	0.21	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	10	3.2	3.53	6.6	1.5	2.038	1.428	1.61	2.675	4.4	6.44
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	6	315.	334.	700.	47.	65216.4	255.375	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	6	2.482	2.365	2.845	1.672	0.208	0.456	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			231.92								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.5	17.042	27.	2.	76.021	8.719	3.2	9.25	24.75	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.	18.917	29.	0.	73.538	8.575	3.	11.75	26.25	28.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	11	17.	28.618	90.	7.8	708.684	26.621	8.24	12.	38.	85.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.7	9.475	12.1	7.9	2.491	1.578	7.93	8.125	11.15	11.92
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	2.35	2.433	5.4	1.1	1.844	1.358	1.1	1.2	2.65	5.16
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12	6.1	9.2	26.	2.5	68.6	8.283	2.5	2.5	15.25	25.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.25	7.25	7.7	6.8	0.081	0.284	6.83	7.025	7.45	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.247	7.17	7.7	6.8	0.088	0.297	6.83	7.025	7.45	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.057	0.068	0.158	0.02	0.002	0.042	0.02	0.036	0.095	0.149
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	65.	62.273	85.	40.	316.818	17.799	40.	40.	80.	84.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	6.8	6.75	7.4	6.3	0.135	0.368	6.3	6.35	6.9	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	6.8	6.623	7.4	6.3	0.153	0.391	6.3	6.35	6.9	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.158	0.238	0.501	0.04	0.031	0.176	0.043	0.126	0.455	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	17.	17.333	24.	11.	16.061	4.008	11.6	14.	21.	23.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	13.	38.455	250.	2.	5078.673	71.265	2.6	9.	37.	207.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.235	0.341	1.7	0.06	0.204	0.452	0.06	0.075	0.298	1.361
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.95	1.038	2.6	0.3	0.476	0.69	0.318	0.485	1.31	2.432
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.325	0.485	2.4	0.21	0.368	0.607	0.21	0.273	0.36	1.812
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.195	0.292	1.22	0.12	0.088	0.297	0.132	0.173	0.28	0.944
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	3.2	9.783	63.	2.5	299.951	17.319	2.53	2.825	7.	49.5
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	235.	598.75	2500.	100.	703583.929	838.799	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	2.371	2.497	3.398	2.	0.235	0.485	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			314.28								

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### Annual Analysis for 1983 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.5	17.5	27.5	6.	43.045	6.561	6.9	12.375	21.625	27.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	18.	18.458	30.	6.	59.248	7.697	6.75	12.75	25.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	12.25	22.667	72.	3.5	507.068	22.518	4.31	7.625	40.5	66.9
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.35	9.658	12.4	8.1	2.006	1.416	8.16	8.575	10.45	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.45	1.45	2.3	0.6	0.417	0.646	0.63	0.825	2.15	2.3
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	10 ###	2.5	3.98	8.8	2.5	6.395	2.529	2.5	2.5	6.075	8.73
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.3	7.275	7.7	6.9	0.066	0.256	6.93	7.025	7.475	7.67
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.3	7.209	7.7	6.9	0.07	0.265	6.93	7.025	7.475	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.05	0.062	0.126	0.02	0.001	0.034	0.022	0.034	0.095	0.118
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	62.	60.818	80.	40.	253.164	15.911	40.	45.	78.	79.8
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	6.95	6.933	7.7	6.2	0.228	0.477	6.26	6.525	7.35	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	6.947	6.723	7.7	6.2	0.276	0.525	6.26	6.525	7.35	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.113	0.189	0.631	0.02	0.034	0.184	0.022	0.046	0.3	0.561
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	17.5	16.583	25.	8.	28.629	5.351	8.6	11.25	20.5	24.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	10	10.	27.3	140.	5.	1704.678	41.288	5.	6.5	32.5	130.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.07	0.091	0.37	0.025	0.01	0.099	0.025	0.025	0.1	0.322
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.41	0.67	2.3	0.25	0.351	0.593	0.26	0.34	0.85	2.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	11	0.3	0.286	0.38	0.19	0.003	0.058	0.196	0.24	0.33	0.374
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	11	0.06	0.092	0.28	0.01	0.008	0.087	0.012	0.025	0.14	0.268
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	10	2.9	3.69	10.7	1.3	8.517	2.918	1.33	1.6	4.675	10.27
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	255.	282.5	620.	80.	42878.571	207.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	2.322	2.328	2.792	1.903	0.131	0.362	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =											

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.5	18.	28.	7.	52.455	7.243	7.6	10.5	24.875	27.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	18.5	19.375	30.	9.	40.597	6.372	9.3	16.375	24.5	29.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	29.5	27.642	53.	4.2	218.468	14.781	4.59	18.	39.25	50.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.25	9.167	11.6	7.5	1.83	1.353	7.53	7.75	10.375	11.27
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.65	2.075	4.8	0.8	1.758	1.326	0.86	1.1	2.95	4.62
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12	7.95	8.492	19.	2.5	33.646	5.801	2.5	2.5	12.25	18.7
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.1	7.092	7.4	6.3	0.081	0.284	6.51	7.	7.3	7.37
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.1	6.968	7.4	6.3	0.098	0.312	6.51	7.	7.3	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.079	0.108	0.501	0.04	0.016	0.126	0.043	0.05	0.1	0.381
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	64.	64.75	80.	49.	191.295	13.831	49.3	50.	80.	80.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.15	7.1	7.3	6.7	0.035	0.186	6.76	7.	7.275	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.147	7.06	7.3	6.7	0.036	0.19	6.76	7.	7.275	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.071	0.087	0.2	0.05	0.002	0.043	0.05	0.053	0.1	0.177
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	19.	19.167	23.	13.	8.879	2.98	13.6	18.	22.	22.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	18.	21.309	62.	0.4	304.331	17.445	1.52	10.	29.	57.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.145	0.16	0.44	0.025	0.013	0.113	0.033	0.08	0.198	0.389
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.69	0.717	1.2	0.44	0.055	0.235	0.446	0.56	0.798	1.17
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.27	0.268	0.37	0.19	0.004	0.059	0.19	0.203	0.318	0.358
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.095	0.091	0.16	0.025	0.002	0.041	0.033	0.06	0.118	0.157
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	2.85	3.233	6.6	1.9	2.102	1.45	1.96	2.2	3.475	6.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	11	460.	596.364	1100.	270.	83945.455	289.733	282.	400.	760.	1100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	11	2.663	2.732	3.041	2.431	0.041	0.202	2.449	2.602	2.881	3.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			539.23								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	20.	18.455	24.	12.5	17.623	4.198	12.6	14.	22.	23.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.25	18.375	25.5	7.	39.778	6.307	8.2	12.625	24.5	25.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	6.8	12.117	45.	1.	207.514	14.405	1.3	3.325	14.25	42.9
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.	9.073	12.	6.8	2.162	1.47	7.	7.9	9.7	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.6	1.933	4.7	0.5	1.175	1.084	0.74	1.4	2.55	4.16
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	11	10.	13.727	40.	2.5	153.968	12.408	2.5	6.	14.	39.
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	7.2	8.1	6.3	0.196	0.443	6.42	7.	7.4	7.98
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	6.987	8.1	6.3	0.246	0.496	6.42	7.	7.4	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.079	0.103	0.501	0.008	0.019	0.136	0.013	0.04	0.1	0.426
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	75.	69.167	85.	40.	208.333	14.434	43.	56.25	80.	83.5
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.1	7.167	7.7	6.9	0.062	0.25	6.9	7.	7.35	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.1	7.112	7.7	6.9	0.066	0.256	6.9	7.	7.35	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.079	0.077	0.126	0.02	0.001	0.035	0.023	0.046	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	20.	20.	23.	16.	4.182	2.045	16.3	19.	21.75	22.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	9.	16.727	86.	1.	622.818	24.956	1.2	4.	19.	75.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.07	0.147	0.68	0.025	0.039	0.198	0.025	0.025	0.22	0.604
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.57	0.625	0.98	0.31	0.069	0.262	0.312	0.36	0.91	0.978
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	11	0.33	0.386	1.09	0.21	0.059	0.244	0.218	0.27	0.43	0.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	11	0.07	0.089	0.19	0.025	0.003	0.059	0.025	0.04	0.15	0.184
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	3.4	4.773	10.8	2.	9.372	3.061	2.06	2.6	6.3	10.66
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	320.	334.444	580.	100.	32827.778	181.184	100.	150.	530.	580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	2.505	2.454	2.763	2.	0.077	0.277	2.	2.175	2.724	2.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			284.652								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	15.	16.875	29.	5.5	65.96	8.122	5.95	9.875	24.	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.	19.5	34.	6.5	71.5	8.456	7.55	11.75	26.125	32.35
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	9.35	14.508	58.	2.7	225.954	15.032	3.27	5.85	16.25	48.1
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.55	9.575	12.2	6.2	3.3	1.817	6.68	8.1	11.175	12.14
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.25	1.525	3.8	0.5	0.744	0.862	0.59	1.025	1.975	3.29
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12	6.	14.417	69.	2.5	429.083	20.714	2.5	2.5	14.	61.5
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.4	7.475	8.4	7.15	0.124	0.353	7.165	7.2	7.6	8.19
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.389	7.383	8.4	7.15	0.134	0.366	7.165	7.2	7.6	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.041	0.041	0.071	0.004	0.	0.022	0.009	0.025	0.063	0.068
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	80.	85.	120.	60.	395.	19.875	60.	70.	100.	118.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.35	7.458	8.5	7.	0.163	0.403	7.06	7.2	7.675	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.347	7.342	8.5	7.	0.177	0.421	7.06	7.2	7.675	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.045	0.046	0.1	0.003	0.001	0.027	0.007	0.021	0.063	0.089
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	25.	26.75	38.	19.	28.932	5.379	19.6	24.	30.	36.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	7.	13.164	71.	0.8	391.255	19.78	1.44	4.	9.	60.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.038	0.047	0.1	0.025	0.001	0.026	0.025	0.025	0.068	0.094
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.395	0.425	0.87	0.16	0.035	0.187	0.184	0.305	0.533	0.786
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.345	0.306	0.39	0.15	0.007	0.083	0.162	0.235	0.378	0.387
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12 ##	0.025	0.042	0.1	0.025	0.001	0.025	0.025	0.025	0.05	0.094
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	3.3	3.917	11.4	2.	6.262	2.502	2.03	2.525	4.275	9.27
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	178.	257.875	900.	10.	93889.268	306.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	2.077	1.999	2.954	1.	0.546	0.739	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			99.832								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	15.	14.591	23.	8.	31.441	5.607	8.2	9.	20.	22.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	18.	16.591	26.5	4.	63.841	7.99	4.4	8.	24.	26.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	8.	13.792	60.	5.2	227.944	15.098	5.62	7.2	14.5	47.7
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	10.3	10.455	15.5	7.8	5.273	2.296	7.84	8.4	12.	14.86
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.2	1.692	3.6	0.7	0.915	0.957	0.73	1.1	2.075	3.54
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12 ##	4.25	5.	11.	2.5	8.591	2.931	2.5	2.5	7.5	10.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.3	7.3	7.6	7.	0.039	0.199	7.	7.1	7.5	7.58
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.3	7.258	7.6	7.	0.041	0.204	7.	7.1	7.5	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.05	0.055	0.1	0.025	0.001	0.026	0.026	0.032	0.079	0.1
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	85.	77.727	120.	40.	516.818	22.734	42.	55.	90.	115.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.05	6.958	7.5	6.5	0.157	0.396	6.5	6.525	7.375	7.47
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.047	6.807	7.5	6.5	0.182	0.427	6.5	6.525	7.375	7.47
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.09	0.156	0.316	0.032	0.015	0.122	0.034	0.042	0.3	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	18.5	17.833	25.	12.	15.424	3.927	12.	14.	20.	23.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	10	8.	9.5	22.	2.	56.056	7.487	2.1	3.	14.5	22.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	13	0.05	0.047	0.1	0.025	0.001	0.025	0.025	0.025	0.06	0.092
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	13	0.35	0.422	0.89	0.21	0.039	0.198	0.226	0.27	0.54	0.806
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	13	0.35	0.298	0.42	0.07	0.011	0.107	0.11	0.22	0.38	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	13	0.06	0.092	0.2	0.025	0.004	0.06	0.025	0.055	0.14	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	2.95	6.017	19.	1.2	39.722	6.303	1.29	2.5	6.575	19.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	10	195.	338.2	1500.	40.	191916.844	438.083	42.2	68.	442.5	1401.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	10	2.278	2.277	3.176	1.602	0.236	0.486	1.621	1.832	2.644	3.129
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			189.024								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	18.409	32.5	6.	64.641	8.04	6.8	11.	24.	31.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	21.	22.	42.	7.	94.	9.695	8.	13.	27.	39.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	10.6	12.15	28.	3.8	58.192	7.628	4.16	5.25	19.	25.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.6	9.291	11.8	7.1	2.705	1.645	7.12	7.5	10.8	11.66
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.8	2.583	5.9	1.2	2.76	1.661	1.2	1.45	3.975	5.72
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.3	7.35	8.2	6.4	0.263	0.513	6.52	7.	7.65	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.3	7.088	8.2	6.4	0.339	0.582	6.52	7.	7.65	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.05	0.082	0.398	0.006	0.012	0.11	0.007	0.022	0.1	0.338
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	100.	120.	250.	70.	3488.889	59.067	70.	77.5	152.5	244.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.65	7.608	8.4	6.5	0.323	0.568	6.59	7.275	8.05	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.647	7.239	8.4	6.5	0.471	0.686	6.59	7.275	8.05	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.023	0.058	0.316	0.004	0.008	0.092	0.004	0.009	0.055	0.269
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	25.5	25.167	33.	19.	15.97	3.996	19.3	22.25	27.75	31.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	7	16.	17.429	42.	5.	164.952	12.843	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.08	0.081	0.15	0.025	0.002	0.041	0.025	0.036	0.11	0.144
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.445	0.521	0.96	0.29	0.042	0.206	0.308	0.385	0.63	0.93
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.34	0.291	0.46	0.1	0.014	0.117	0.106	0.19	0.375	0.442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.07	0.085	0.3	0.025	0.006	0.075	0.025	0.031	0.098	0.249
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	3.95	4.108	6.	2.9	0.834	0.913	3.05	3.5	4.375	5.91
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	11	40.	74.	220.	12.	5146.2	71.737	13.2	22.	100.	216.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	11	1.602	1.699	2.342	1.079	0.162	0.403	1.114	1.342	2.	2.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.012								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	17.273	26.	8.	41.818	6.467	8.4	12.	23.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	19.636	30.	11.	47.255	6.874	11.2	14.	27.	29.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	8.8	11.317	36.	2.5	85.774	9.261	2.89	5.05	13.5	31.5
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	8.4	8.582	11.	6.4	2.212	1.487	6.6	7.4	10.	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.7	2.008	5.2	1.	1.364	1.168	1.	1.2	2.375	4.54
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.7	7.714	8.8	6.7	0.287	0.536	6.82	7.5	8.1	8.67
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.7	7.426	8.8	6.7	0.378	0.615	6.82	7.5	8.1	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.02	0.038	0.2	0.002	0.003	0.056	0.003	0.008	0.032	0.17
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	8	105.	96.875	110.	65.	349.554	18.696	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.5	7.358	8.2	5.3	0.483	0.695	5.87	7.325	7.65	8.05
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.5	6.349	8.2	5.3	1.593	1.262	5.87	7.325	7.65	8.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.032	0.447	5.012	0.006	2.066	1.437	0.01	0.023	0.048	3.527
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	22.	20.583	31.	2.	65.174	8.073	5.	15.25	25.75	30.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	8.5	13.167	44.	3.	151.788	12.32	3.3	5.	17.5	39.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.1	0.092	0.16	0.025	0.002	0.049	0.025	0.05	0.13	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.51	0.625	1.4	0.3	0.114	0.338	0.306	0.385	0.86	1.298
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.3	0.279	0.56	0.08	0.019	0.139	0.092	0.138	0.36	0.518
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.05	0.078	0.28	0.02	0.005	0.07	0.023	0.04	0.098	0.229
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	4.8	5.564	12.7	0.5	9.267	3.044	1.22	4.2	6.	11.88
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	180.	173.273	340.	50.	10845.818	104.143	51.6	64.	280.	328.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	2.255	2.15	2.531	1.699	0.094	0.307	1.712	1.806	2.447	2.515
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			141.315								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.	17.125	26.	10.	34.733	5.893	10.	11.375	21.875	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	23.75	24.792	36.	15.	39.566	6.29	16.05	21.	28.25	35.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	11.	14.958	40.	6.5	113.612	10.659	6.8	9.125	14.75	38.2
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	7.85	8.308	11.	7.3	1.424	1.194	7.3	7.4	9.15	10.64
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.35	1.592	3.8	0.6	0.672	0.82	0.75	1.1	1.975	3.29
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.25	7.3	7.7	6.75	0.072	0.269	6.855	7.163	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.247	7.221	7.7	6.75	0.079	0.281	6.855	7.162	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.057	0.06	0.178	0.02	0.002	0.042	0.02	0.032	0.069	0.148
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	110.	101.818	130.	65.	506.364	22.503	67.	80.	120.	128.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.35	7.442	9.2	6.8	0.388	0.623	6.86	7.025	7.6	8.75
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.347	7.228	9.2	6.8	0.438	0.662	6.86	7.025	7.6	8.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.045	0.059	0.158	0.001	0.002	0.045	0.006	0.025	0.095	0.141
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	20.	26.417	50.	16.	164.811	12.838	16.3	18.25	39.	49.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	8	10.	11.125	25.	5.	41.268	6.424	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.04	0.09	0.025	0.001	0.023	0.025	0.025	0.06	0.084
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.415	0.452	0.84	0.21	0.033	0.18	0.219	0.313	0.538	0.792
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.285	0.286	0.44	0.14	0.005	0.07	0.164	0.258	0.31	0.407
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.04	0.043	0.09	0.02	0.	0.018	0.023	0.03	0.05	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	4.9	5.173	10.1	2.4	4.972	2.23	2.56	3.3	5.9	9.68
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	120.	152.111	310.	30.	11563.111	107.532	30.	54.5	260.	310.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	2.079	2.061	2.491	1.477	0.134	0.366	1.477	1.736	2.412	2.491
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			115.062								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.296	0.3	0.25	0.	0.014	0.265	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	18.75	18.375	27.	9.	36.369	6.031	9.9	12.5	24.75	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	24.5	21.792	28.	9.	43.748	6.614	9.9	16.	27.375	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	18.5	21.608	40.	5.	178.146	13.347	5.48	10.525	38.	40.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	7.9	8.292	10.8	6.9	1.537	1.24	6.99	7.3	9.35	10.44
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	0.9	1.058	2.4	0.4	0.315	0.562	0.49	0.725	1.225	2.25
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.2	7.179	7.75	6.55	0.14	0.374	6.595	6.875	7.5	7.72
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.189	7.035	7.75	6.55	0.163	0.404	6.595	6.875	7.5	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.065	0.092	0.282	0.018	0.006	0.08	0.019	0.032	0.134	0.257
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	80.	77.5	100.	50.	247.727	15.739	51.5	66.25	90.	98.5
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.5	7.45	7.8	7.	0.055	0.235	7.06	7.25	7.575	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.5	7.39	7.8	7.	0.059	0.244	7.06	7.25	7.575	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.032	0.041	0.1	0.016	0.001	0.024	0.016	0.027	0.057	0.089
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	11	22.	22.364	28.	16.	13.055	3.613	16.6	19.	26.	27.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	12.	13.833	44.	1.	161.242	12.698	1.6	4.5	15.	40.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.04	0.1	0.025	0.001	0.029	0.025	0.025	0.044	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.4	0.373	0.6	0.19	0.016	0.125	0.199	0.248	0.455	0.567
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.28	0.284	0.39	0.2	0.003	0.057	0.206	0.235	0.328	0.378
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.055	0.06	0.12	0.02	0.001	0.031	0.02	0.035	0.08	0.114
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.35	4.758	7.6	2.9	2.112	1.453	3.02	3.55	6.2	7.27
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	155.5	635.625	3900.	26.	1764000.554	1328.157	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	2.116	2.182	3.591	1.415	0.565	0.752	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			152.124								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	14.	15.864	25.	7.5	46.955	6.852	7.5	9.	23.	24.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	18.	18.455	30.	5.	90.473	9.512	5.2	11.	30.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	14.25	22.042	80.	5.	495.215	22.253	5.15	6.425	30.	70.1
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.1	9.227	11.1	7.5	1.386	1.177	7.6	8.1	10.4	10.96
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.6	2.033	6.3	0.7	2.284	1.511	0.79	1.15	2.075	5.43
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.2	7.309	7.95	7.05	0.075	0.275	7.07	7.15	7.4	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.2	7.25	7.95	7.05	0.079	0.281	7.07	7.15	7.4	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.063	0.056	0.089	0.011	0.001	0.023	0.013	0.04	0.071	0.085
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	70.	71.	95.	55.	176.667	13.292	55.5	60.	78.75	94.5
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	9	7.5	7.556	8.	7.2	0.08	0.283	7.2	7.35	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	9	7.5	7.485	8.	7.2	0.086	0.293	7.2	7.35	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	9	0.032	0.033	0.063	0.01	0.	0.018	0.01	0.018	0.045	0.063
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	22.	22.333	27.	18.	6.606	2.57	18.3	21.	23.75	26.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	6.5	13.585	35.	0.025	175.84	13.26	0.618	3.25	27.25	34.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.36	0.395	0.84	0.05	0.056	0.238	0.076	0.22	0.6	0.796
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.32	0.318	0.42	0.25	0.002	0.047	0.253	0.275	0.345	0.402
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.055	0.064	0.13	0.04	0.001	0.029	0.04	0.04	0.07	0.124
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.35	4.5	6.7	2.2	2.191	1.48	2.29	3.525	5.8	6.61
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	132.5	1019.4	8000.	19.	6107591.822	2471.354	19.9	32.5	735.	7290.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	2.104	2.224	3.903	1.279	0.665	0.815	1.296	1.51	2.863	3.808
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			167.535								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.25	16.917	31.	7.5	61.22	7.824	7.65	8.5	23.875	29.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.5	17.833	30.	7.	81.242	9.013	7.3	9.	26.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	7.4	12.258	30.	4.8	82.899	9.105	4.8	5.2	20.75	28.5
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	7.95	8.225	11.2	6.	3.188	1.785	6.03	6.625	9.9	11.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	1.8	2.091	6.	1.1	1.889	1.374	1.1	1.3	2.2	5.32
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.65	6.725	7.6	6.2	0.226	0.475	6.2	6.25	7.175	7.525
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.647	6.538	7.6	6.2	0.264	0.514	6.2	6.25	7.175	7.525
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.225	0.289	0.631	0.025	0.055	0.234	0.031	0.07	0.573	0.631
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	75.	72.727	100.	50.	296.818	17.228	51.	55.	90.	99.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	20.	20.167	25.	17.	6.697	2.588	17.3	18.	21.	25.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	5.5	7.15	20.	0.8	34.015	5.832	1.16	2.25	12.	17.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.295	0.451	1.48	0.05	0.149	0.386	0.089	0.208	0.66	1.258
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.335	0.357	0.52	0.24	0.006	0.079	0.252	0.295	0.4	0.502
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.05	0.049	0.09	0.01	0.	0.022	0.013	0.04	0.06	0.084
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.3	4.792	10.	2.5	3.924	1.981	2.8	3.625	5.625	9.01
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	83.	146.727	660.	37.	31843.818	178.448	39.8	57.	130.	574.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	1.919	2.003	2.82	1.568	0.122	0.349	1.596	1.756	2.114	2.728
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			100.662								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	16.218	27.	6.	57.404	7.577	6.18	10.	24.	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	19.	19.091	28.	8.	54.091	7.355	8.6	11.	26.	27.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	13.	22.383	110.	6.4	818.627	28.612	6.55	7.575	24.25	86.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.2	8.918	11.	6.8	2.238	1.496	6.8	7.5	10.4	10.92
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	1.4	1.573	3.6	0.7	0.796	0.892	0.72	0.9	2.	3.42
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.	6.989	7.6	6.4	0.15	0.388	6.44	6.65	7.35	7.586
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.	6.848	7.6	6.4	0.172	0.415	6.44	6.65	7.35	7.586
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.1	0.142	0.398	0.025	0.013	0.114	0.026	0.045	0.224	0.369
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	9	80.	78.889	90.	70.	61.111	7.817	70.	70.	85.	90.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	21.5	21.667	26.	16.	9.515	3.085	16.6	19.25	24.75	25.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	11.	17.167	80.	4.	430.879	20.758	4.3	6.75	17.	64.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.345	0.408	0.95	0.1	0.059	0.242	0.13	0.253	0.6	0.872
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.365	0.363	0.48	0.3	0.003	0.055	0.3	0.31	0.395	0.462
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.05	0.067	0.25	0.02	0.004	0.061	0.02	0.04	0.078	0.199
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	4.7	4.355	6.4	0.5	2.917	1.708	0.96	3.5	5.7	6.3
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	80.	132.909	390.	9.	15828.691	125.812	12.2	35.	190.	376.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	1.903	1.905	2.591	0.954	0.253	0.503	1.043	1.544	2.279	2.574
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			80.368								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	21.	19.818	30.	9.	49.614	7.044	9.7	13.	27.	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	22.	24.5	38.	13.	58.091	7.622	13.9	18.75	31.5	36.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	20.	34.342	120.	4.3	1389.195	37.272	4.51	8.575	43.5	112.5
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.05	9.55	19.	6.5	11.008	3.318	6.68	7.5	9.9	16.81
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.7	2.058	7.7	0.6	3.43	1.852	0.66	1.2	1.8	6.17
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.1	7.086	8.8	6.3	0.445	0.667	6.33	6.538	7.308	8.422
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.099	6.794	8.8	6.3	0.538	0.733	6.33	6.538	7.307	8.422
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.08	0.161	0.501	0.002	0.026	0.162	0.01	0.049	0.293	0.47
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	85.	80.417	100.	50.	265.72	16.301	50.	71.25	90.	98.5
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	21.	20.333	25.	13.	18.788	4.334	13.	16.75	24.	25.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	13.	27.	100.	5.	892.4	29.873	5.2	6.	52.	90.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.47	0.659	2.43	0.15	0.382	0.618	0.17	0.37	0.7	2.098
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.345	0.337	0.44	0.23	0.003	0.059	0.236	0.305	0.383	0.425
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.06	0.092	0.27	0.04	0.004	0.066	0.04	0.05	0.12	0.231
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.8	5.567	10.4	2.1	6.759	2.6	2.1	4.15	7.35	10.13
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	230.	371.273	2000.	58.	304933.618	552.208	61.8	89.	310.	1684.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	2.362	2.334	3.301	1.763	0.183	0.428	1.788	1.949	2.491	3.165
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			215.596								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1996 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.5	16.758	28.5	1.1	71.01	8.427	1.82	11.625	23.625	27.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.5	20.217	30.	0.	78.091	8.837	2.4	16.75	26.9	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	11.	13.683	34.	2.9	76.845	8.766	4.1	7.45	18.5	31.3
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.5	8.875	12.	6.7	2.315	1.521	6.85	8.025	9.825	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.5	1.758	3.9	0.8	0.852	0.923	0.8	1.075	2.15	3.63
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.195	7.302	8.28	6.67	0.233	0.483	6.718	6.885	7.725	8.163
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.194	7.113	8.28	6.67	0.272	0.522	6.718	6.885	7.725	8.163
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.064	0.077	0.214	0.005	0.004	0.064	0.008	0.02	0.133	0.194
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	70.	71.364	100.	50.	215.455	14.678	51.	60.	80.	97.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	22.	21.083	25.	15.	8.629	2.937	15.3	20.25	22.75	24.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	7.5	8.917	22.	5.	20.811	4.562	5.	6.25	10.	18.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.043	0.2	0.025	0.003	0.051	0.025	0.025	0.025	0.158
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.47	0.532	1.24	0.18	0.089	0.298	0.21	0.315	0.67	1.138
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	12	0.36	0.451	1.34	0.21	0.091	0.302	0.222	0.305	0.465	1.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.055	0.049	0.11	0.01	0.001	0.029	0.01	0.023	0.068	0.098
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.35	4.542	6.3	2.8	0.975	0.988	3.1	3.95	5.35	6.21
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	12	51.	60.167	120.	23.	956.152	30.922	23.3	39.	91.25	113.4
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	12	1.707	1.726	2.079	1.362	0.053	0.23	1.367	1.591	1.958	2.053
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			53.151								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	6	18.	17.1	26.	6.	52.46	7.243	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	6	25.	23.667	30.	14.	35.467	5.955	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	6	19.5	26.667	85.	4.5	902.567	30.043	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	6	9.05	9.133	10.6	8.2	0.791	0.889	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	6	1.05	2.183	6.	0.8	4.498	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	6	6.945	6.892	7.62	6.24	0.273	0.522	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	6	6.945	6.657	7.62	6.24	0.339	0.582	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	6	0.114	0.22	0.575	0.024	0.052	0.228	**	**	**	**
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	5	60.	67.	95.	50.	295.	17.176	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	6	20.	19.	21.	12.	12.	3.464	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	5	12.	44.8	170.	9.	4923.7	70.169	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	6	0.44	0.737	1.72	0.27	0.367	0.606	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	6	0.435	0.497	0.76	0.22	0.042	0.206	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	6	0.055	0.087	0.28	0.01	0.009	0.097	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	6	4.7	5.183	9.6	2.4	6.278	2.506	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	3	62.	51.667	77.	16.	1010.333	31.786	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	3	1.792	1.628	1.886	1.204	0.137	0.37	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			42.429								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	71	22.	21.739	31.	9.	22.606	4.755	15.	17.5	25.	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	72	24.	23.722	38.	4.	35.422	5.952	16.	19.	28.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	76	9.4	16.324	120.	2.7	302.525	17.393	5.01	7.	20.	35.2
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	72	8.2	8.529	19.	6.	3.685	1.92	6.83	7.425	9.	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	75	1.6	1.855	6.3	0.4	1.193	1.092	0.8	1.2	2.2	3.
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	32	6.	7.119	40.	2.5	52.344	7.235	2.5	2.5	9.75	13.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	72	7.265	7.23	8.8	6.2	0.176	0.42	6.715	7.05	7.4	7.685
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	72	7.265	7.033	8.8	6.2	0.216	0.465	6.715	7.05	7.4	7.685
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	72	0.054	0.093	0.631	0.002	0.013	0.113	0.021	0.04	0.089	0.193
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	63	85.	87.492	190.	50.	457.157	21.381	67.	79.	95.	120.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	55	7.3	7.24	8.3	6.5	0.152	0.39	6.66	6.9	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	55	7.3	7.068	8.3	6.5	0.182	0.427	6.66	6.9	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	55	0.05	0.086	0.316	0.005	0.007	0.083	0.02	0.032	0.126	0.22
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	74	21.	21.135	33.	8.	16.584	4.072	16.	19.	24.	25.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	67	8.	13.418	100.	1.	290.338	17.039	2.	5.	14.	28.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	74 ##	0.025	0.157	4.5	0.025	0.314	0.561	0.025	0.025	0.08	0.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	71	0.48	0.622	5.2	0.18	0.39	0.625	0.3	0.37	0.71	0.894
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	75	0.3	0.294	0.56	0.07	0.008	0.088	0.19	0.23	0.35	0.394
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	75	0.06	0.083	0.42	0.01	0.006	0.075	0.025	0.04	0.09	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	73	4.1	4.504	19.	0.5	7.347	2.711	2.2	2.9	5.1	6.66
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	34 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	34 ##	25.	17.5	25.	5.	94.318	9.712	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	34 ##	25.	19.118	50.	5.	149.198	12.215	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	34	600.	937.647	7400.	210.	1586267.023	1259.471	305.	427.5	920.	1900.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	34 ##	25.	28.088	70.	25.	107.598	10.373	25.	25.	25.	37.5
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	33	50.	77.879	600.	20.	11967.235	109.395	25.	25.	70.	176.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	34 ##	25.	20.735	50.	10.	107.776	10.382	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	34	30.	66.912	330.	5.	6134.871	78.325	15.	25.	72.5	165.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	60	160.	374.267	3900.	12.	367900.707	606.548	39.3	63.25	415.	1080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	60	2.203	2.242	3.591	1.079	0.28	0.53	1.594	1.801	2.618	3.033
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	60	2.203	2.242	3.591	1.079	0.28	0.53	1.594	1.801	2.618	3.033
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	34 ##	0.1	0.118	0.3	0.1	0.003	0.052	0.1	0.1	0.1	0.2
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	56	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	71	10.	10.361	18.	1.1	12.725	3.567	6.	8.	12.5	15.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	72	12.25	13.111	25.	0.	36.607	6.05	6.	8.125	18.	21.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	72	13.5	20.863	95.	1.	361.311	19.008	5.06	8.475	27.75	45.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	71	10.5	10.335	12.6	6.7	1.755	1.325	8.54	9.6	11.2	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	72	1.55	1.851	7.7	0.5	1.503	1.226	0.8	1.025	2.175	3.48
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	30	7.45	12.493	69.	2.5	225.58	15.019	2.5	2.5	17.25	34.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	71	7.2	7.212	8.4	6.2	0.231	0.48	6.56	6.9	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	71	7.2	6.959	8.4	6.2	0.295	0.544	6.56	6.9	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	71	0.063	0.11	0.631	0.004	0.019	0.137	0.016	0.032	0.126	0.276
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	68	63.5	65.868	120.	40.	345.34	18.583	40.	50.	75.	90.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	52	7.15	7.19	8.5	6.2	0.257	0.507	6.53	6.9	7.5	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	52	7.147	6.94	8.5	6.2	0.32	0.566	6.53	6.9	7.5	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	52	0.071	0.115	0.631	0.003	0.018	0.133	0.016	0.032	0.126	0.297
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	73	20.	20.767	48.	10.	36.626	6.052	13.4	17.	24.5	27.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	64	10.	18.441	250.	0.4	1077.622	32.827	3.	5.25	18.	36.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	72 ##	0.025	0.073	0.57	0.025	0.008	0.09	0.025	0.025	0.09	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	72	0.4	0.513	2.6	0.05	0.18	0.425	0.213	0.283	0.57	0.907
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	72	0.33	0.373	2.4	0.12	0.076	0.276	0.25	0.28	0.38	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	72	0.055	0.088	1.22	0.01	0.021	0.145	0.02	0.033	0.1	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	69	4.	5.099	63.	0.5	53.985	7.347	2.2	3.1	4.9	6.6
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	30 ##	5.	5.167	10.	5.	0.833	0.913	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	30 ##	25.	16.333	25.	5.	101.609	10.08	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	30 ##	25.	19.	50.	5.	154.138	12.415	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	30	885.	1929.333	17000.	190.	9551565.057	3090.561	358.	675.	2050.	4000.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	30 ##	25.	30.	100.	25.	232.759	15.256	25.	25.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	30	40.	58.5	240.	10.	2914.052	53.982	20.	25.	72.5	118.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	30 ##	25.	21.333	60.	10.	172.299	13.126	10.	10.	25.	47.5
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	30 ##	25.	40.333	200.	5.	1844.713	42.95	5.	10.	62.5	100.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	60	140.	240.467	2500.	10.	123282.185	351.116	35.4	58.	310.	521.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	60	2.142	2.124	3.398	1.	0.231	0.481	1.549	1.763	2.491	2.716
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	60	140.	240.467	2500.	10.	123282.185	351.116	35.4	58.	310.	521.
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	9 ##	1.	4.	10.	1.	20.25	4.5	1.	1.	10.	10.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.024	0.025	0.015	0.	0.003	0.015	0.025	0.025	0.025
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.297	1.25	0.025	0.292	0.54	0.025	0.025	0.638	1.25
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	30 ##	0.1	0.193	2.2	0.1	0.15	0.388	0.1	0.1	0.1	0.29
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	57	0.3	0.299	0.3	0.25	0.	0.007	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	51	21.	20.324	32.5	6.9	26.501	5.148	14.	16.5	24.	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	51	24.	23.649	42.	9.	42.145	6.492	13.	19.	27.	30.
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	51	11.	19.788	110.	2.	513.474	22.66	4.34	6.7	22.	41.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	51	8.3	8.402	11.8	6.5	0.999	0.999	7.32	7.5	9.1	9.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	51	1.6	2.214	6.	0.5	2.13	1.46	0.82	1.1	3.1	4.68
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	21	5.	6.595	23.	2.5	28.704	5.358	2.5	2.5	8.4	14.6
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	51	7.13	7.186	8.8	6.2	0.209	0.457	6.62	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	51	7.13	6.973	8.8	6.2	0.255	0.505	6.62	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	51	0.074	0.106	0.631	0.002	0.016	0.126	0.02	0.032	0.1	0.241
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR. UMHOS/CM	10/23/80-06/17/97	48	77.5	82.188	250.	45.	952.028	30.855	59.5	65.	90.	101.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	37	7.2	7.181	9.2	5.3	0.421	0.649	6.28	6.95	7.45	7.92

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	37	7.2	6.596	9.2	5.3	0.772	0.879	6.28	6.95	7.45	7.92
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	37	0.063	0.253	5.012	0.001	0.674	0.821	0.012	0.036	0.113	0.527
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	52	21.	21.673	50.	2.	51.793	7.197	13.2	19.	23.75	28.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	50	10.5	21.237	170.	0.025	972.82	31.19	5.	6.75	22.5	43.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	50 ##	0.038	0.105	0.68	0.025	0.02	0.141	0.025	0.025	0.128	0.278
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	50	0.57	0.82	7.4	0.05	1.111	1.054	0.222	0.35	0.972	1.436
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/80-06/17/97	51	0.34	0.366	1.34	0.08	0.034	0.185	0.192	0.29	0.41	0.476
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	50	0.07	0.097	0.3	0.02	0.006	0.077	0.026	0.048	0.113	0.247
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	51	4.4	5.208	19.	1.9	11.991	3.463	2.32	2.9	5.9	9.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	26 ##	25.	17.5	25.	5.	94.5	9.721	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	26 ##	25.	20.	30.	5.	68.	8.246	5.	10.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	26	715.	1241.154	7000.	270.	1870370.615	1367.615	345.	577.5	1325.	2820.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	26 ##	25.	29.038	80.	25.	154.038	12.411	25.	25.	25.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	26	50.	62.115	170.	20.	1828.346	42.759	23.5	25.	82.5	146.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	26 ##	25.	24.423	150.	10.	706.654	26.583	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	26 ##	27.5	41.731	140.	5.	1009.885	31.779	5.	25.	60.	86.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	38	100.	385.158	8000.	9.	1639143.65	1280.29	21.6	40.	335.	461.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	38	2.	2.059	3.903	0.954	0.345	0.588	1.334	1.602	2.524	2.663
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			114.625								
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	25 ##	0.1	0.184	1.3	0.1	0.07	0.264	0.1	0.1	0.1	0.54
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0166

NPS Station ID: COSW0166      LAT/LON: 33.988892/ -81.044448

Location: CONGAREE RIVER AT BLOSSOM ST LEFT-SALUDA RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110030

RF3 Index: 03050110001900.00

Description:

SAMPLED BY SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL FIRST SAMPLED OCTOBER 1980,DATA PRIOR TO THAT DATE IS IN CSB-001.

THIS STATION DESCRIBES THE WATER QUALITY OF THE LEFT SIDE OF THE CONGAREE RIVER AT BLOSSOM ST WHICH IS SALUDA RIVER WATER.

THE SAMPLE IS TAKEN 75% FROM THE RIGHT BANK LOOKING UPSTREAM.

Agency: 21SC60WQ

FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND

STORET Station ID(s): CSB-001L

Within Park Boundary: No

Date Created: 12/13/80

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 6.260

RF3 Mile Point: 2.71

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	195	16.5	16.445	31.	6.	34.062	5.836	8.8	11.	21.	24.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	195	20.5	19.881	42.	0.	63.809	7.988	8.3	13.	26.	30.
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/03/94-02/03/94	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	198	7.95	12.423	140.	1.8	203.269	14.257	3.5	5.375	15.	27.1
00300 OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	196	9.1	9.287	16.5	5.9	2.435	1.561	7.5	8.125	10.4	11.4
00310 BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	197	1.6	1.851	7.1	0.05	1.194	1.093	0.7	1.1	2.3	3.2
00335 COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	81	5.1	7.81	38.	2.5	56.731	7.532	2.5	2.5	9.45	18.
00339 COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/05/80-11/21/86	7	1200.	6620.	28000.	670.	108704833.333	10426.161	**	**	**	**
00340 COD, .25N K2CR2O7 MG/L	11/21/86-11/21/86	1	440.	440.	440.	440.	0.	0.	**	**	**	**
00355 BOD, 56 DAY, 20 DEG C MG/L	10/23/87-10/23/87	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/80-06/17/97	196	7.1	7.171	8.45	6.1	0.204	0.452	6.6	6.9	7.45	7.765
00400 CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	196	7.1	6.956	8.45	6.1	0.251	0.501	6.6	6.9	7.45	7.765
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	196	0.079	0.111	0.794	0.004	0.015	0.123	0.017	0.035	0.126	0.251
00402 SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	178	70.	72.938	175.	40.	568.51	23.843	50.	60.	80.	101.
00403 PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	143	7.1	7.16	8.8	6.2	0.219	0.468	6.5	6.8	7.4	7.7
00403 CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	143	7.1	6.941	8.8	6.2	0.267	0.517	6.5	6.8	7.4	7.7
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	143	0.079	0.115	0.631	0.002	0.016	0.125	0.02	0.04	0.158	0.316
00410 ALKALINITY, TOTAL (MG/L AS CAC03)	10/23/80-06/17/97	198	19.	19.51	40.	5.	21.348	4.62	15.	17.	21.	25.
00415 ALKALINITY, PHENOLPHTHALEIN (MG/L)	03/22/94-03/22/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	12/18/86-03/02/90	3	14.	20.333	41.	6.	336.333	18.339	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	181	6.	11.961	170.	0.025	467.939	21.632	2.	3.5	11.	26.8
00557 OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	11/05/80-11/21/89	10	225.	695.	2800.	80.	1038627.778	1019.131	82.	122.5	1050.	2760.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	194	0.05	0.121	3.1	0.025	0.08	0.284	0.025	0.025	0.1	0.255
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	195	0.49	0.625	5.2	0.05	0.255	0.505	0.29	0.36	0.74	1.108
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/05/80-11/02/84	5 ##	4.75	16.95	62.5	1.25	680.106	26.079	**	**	**	**
00627 NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	11/08/85-02/28/96	11	204.5	399.773	1126.	51.	167390.268	409.134	54.4	74.	690.	1120.8
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	197	0.31	0.32	0.95	0.01	0.015	0.124	0.178	0.25	0.39	0.46
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	197	0.06	0.086	0.56	0.01	0.006	0.075	0.024	0.04	0.11	0.18
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	11/05/80-02/28/96	16	120.5	161.766	424.	1.25	20419.937	142.898	1.25	27.625	277.5	421.2
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	194	4.4	5.271	123.	1.	75.782	8.705	2.7	3.375	5.5	7.
00900 HARDNESS, TOTAL (MG/L AS CAC03)	11/10/83-02/26/97	14	14.	13.571	18.	4.	10.725	3.275	8.	12.75	15.25	17.5

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	11/10/83-08/02/88	4	2.75	2.775	3.	2.6	0.029	0.171	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	3	1.5	1.467	1.6	1.3	0.023	0.153	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	90 ##	5.	5.478	25.	5.	8.185	2.861	5.	5.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16 ##	0.5	0.563	1.	0.5	0.029	0.171	0.5	0.5	0.5	1.
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16	8.55	9.819	19.	2.5	15.738	3.967	4.67	7.775	12.75	15.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	90 ##	25.	17.722	60.	5.	111.888	10.578	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	90 ##	25.	19.111	50.	5.	126.729	11.257	5.	5.	25.	25.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/05/80-02/28/96	16	5.	18.594	170.	1.4	1716.405	41.43	1.61	2.5	13.5	74.1
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	90	600.	960.556	10000.	100.	2202510.924	1484.086	281.	425.	847.5	1980.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	90 ##	25.	27.889	90.	25.	103.92	10.194	25.	25.	25.	25.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/05/80-02/28/96	16	9.6	16.044	59.	2.5	271.151	16.467	2.5	2.5	25.5	45.
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/21/89-11/21/89	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	89	50.	79.326	640.	10.	9087.609	95.329	20.	25.	85.	190.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	90 ##	25.	20.222	50.	10.	93.77	9.684	10.	10.	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/05/80-02/28/96	16	3.8	4.281	9.6	1.	6.89	2.625	1.	2.5	6.3	9.18
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	90	25.	64.556	1000.	5.	15347.553	123.885	5.5	20.	70.	110.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/05/80-02/28/96	16	17.5	40.706	180.	4.8	2303.829	47.998	5.57	10.25	65.	124.
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	4	140.	382.5	1200.	50.	300491.667	548.171	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/21/89-11/21/89	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/21/89-11/21/89	1	9400.	9400.	9400.	9400.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-03/12/93	4	170.	297.5	800.	50.	115425.	339.743	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/10/82-03/12/93	4	2.23	2.266	2.903	1.699	0.243	0.493	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			184.391								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	149	110.	182.101	2000.	9.	58419.605	241.701	30.	55.5	185.	430.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	149	2.041	2.03	3.301	0.954	0.196	0.443	1.477	1.744	2.267	2.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.214								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32104	BROMOFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
32106	CHLOROFORM,WHOLE WATER,UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34010	TOLUENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34030	BENZENE IN WTR SMPL GC-MS, HEXADECONE EXTR.(UG/L)	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34200	ACENAPHTHYLENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	144.444	150.	100.	277.778	16.667	100.	150.	150.	150.
34205	ACENAPHTHENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34208	ACENAPHTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34220	ANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34223	ANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	169.222	323.	150.	3325.444	57.667	150.	150.	150.	323.
34237	BENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34247	BENZO-A-PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34257	B-BHC-BETA DRY WGTBOTUG/KG	11/08/85-02/28/96	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
34290	BROMOFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	14 ##	1.	3.571	10.	1.	17.802	4.219	1.	1.	10.	10.
34304	CHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/13/92	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34314	CHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
34318	CHLOROFORM DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
34320	CHRYSENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.

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# Parameter Inventory for Station: COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34323	CHRYSENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34336	DIETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34341	DIMETHYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34351	ENDOSULFAN SULFATE TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.025	0.025	0.025	0.025
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34356	ENDOSULFAN, BETA TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.025	0.025	0.025	0.025
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34361	ENDOSULFAN, ALPHA TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.025	0.025	0.025	0.025
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34366	ENDRIN ALDEHYDE TOTWUG/L	05/19/88-03/11/97	10 ##	0.025	0.025	0.025	0.025	0.	0.025	0.025	0.025	0.025
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34371	ETHYLBENZENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34374	ETHYLBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34376	FLUORANTHENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34379	FLUORANTHENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	211.817	853.	3.35	60165.44	245.286	3.35	150.	853.
34381	FLUORENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34384	FLUORENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34391	HEXACHLOROBUTADIENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34408	ISOPHORONE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34411	ISOPHORONE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	166.667	300.	150.	2500.	50.	150.	150.	300.
34413	METHYL BROMIDE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34418	METHYL CHLORIDE TOTWUG/L	05/19/88-03/11/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34423	METHYLENE CHLORIDE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34445	NAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34447	NITROBENZENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34450	NITROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34452	PARACHLOROMETA CRESOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34461	PHENANTHRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34464	PHENANTHRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	133.633	150.	2.7	2410.81	49.1	2.7	150.	150.
34469	PYRENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34472	PYRENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	176.261	533.	3.35	20248.551	142.297	3.35	150.	533.
34475	TETRACHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34483	TOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	9.443	10.	4.99	2.789	1.67	4.99	10.	10.
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34496	1,1-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34501	1,1-DICHLOROETHYLENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	0.	0.	2.	2.	2.	2.
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	0.	0.	2.	2.	2.	2.
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	133.567	150.	2.1	2430.49	49.3	2.1	150.	150.
34531	1,2-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34536	1,2-DICHLOROETHANE TOTWUG/L	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	10 ##	150.	108.	150.	10.	4573.333	67.626	10.	10.	150.
34541	1,2-DICHLOROPROPANE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTISMKG/KG	02/21/95-02/21/95	1	439.	439.	439.	439.	0.	0.	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34566	1,3-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	10 ##	150.	108.	150.	10.	4573.333	67.626	10.	10.	150.
34571	1,4-DICHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	11 ##	2.	1.636	2.	1.	0.255	0.505	1.	1.	2.
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	11/11/87-02/28/96	10 ##	150.	108.	150.	10.	4573.333	67.626	10.	10.	150.
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34581	2-CHLORONAPHTHALENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34586	2-CHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34591	2-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34594	2-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34601	2,4-DICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34606	2,4-DIMETHYLPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34611	2,4-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34616	2,4-DINITROPHENOL TOTWUG/L	05/19/88-03/07/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	11/11/87-11/26/90	4 ##	150.	150.	150.	150.	0.	0.	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34626	2,6-DINITROTOLUENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34646	4-NITROPHENOL TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34649	4-NITROPHENOL DRY WGTBOTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34671	PCB - 1016 TOTWUG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTUG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
34696	NAPHTHALENE TOTWUG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/08/85-02/28/96	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot



# Parameter Inventory for Station: COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39100 BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39102 BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.	150.
39110 DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
39112 DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	453.333	2880.	150.	828100.	910.	150.	150.	150.	2880.
39120 BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/07/91	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39121 BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	11/11/87-11/26/90	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	05/19/88-03/11/97	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.038
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.647	10.7	1.	6.273	2.505	1.	1.	1.	4.88
39305 O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13 ##	1.	1.2	3.6	1.	0.52	0.721	1.	1.	1.	2.56
39310 P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.087	2.31	1.	0.114	0.338	1.	1.	1.	1.524
39315 O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/14/94	13 ##	1.	1.167	3.17	1.	0.362	0.602	1.	1.	1.	2.302
39320 P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39321 P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.48	4.77	1.	1.336	1.156	1.	1.	1.	4.146
39327 ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39328 O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	11/02/84-02/14/94	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39330 ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	14 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.015	1.23	1.	0.004	0.059	1.	1.	1.	1.092
39337 ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338 BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39350 CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/13/87-03/11/97	11 ##	0.025	0.066	0.25	0.025	0.008	0.091	0.025	0.025	0.025	0.25
39351 CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/10/81-02/28/96	11 ##	1.	1.591	7.5	1.	3.841	1.96	1.	1.	1.	6.2
39357 RONNEL IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380 DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39398 ETHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
39399 ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.188	1.25	0.025	0.186	0.431	0.025	0.025	0.025	1.25
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/05/80-02/28/96	15 ##	1.	3.267	35.	1.	77.067	8.779	1.	1.	1.	14.6
39410 HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.04	0.25	0.025	0.003	0.058	0.025	0.025	0.025	0.115
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/05/80-02/28/96	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/22/94	12 ##	0.025	0.044	0.25	0.025	0.004	0.065	0.025	0.025	0.025	0.183
39481 METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/10/81-02/14/94	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39488 PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.3	0.5	0.25	0.011	0.105	0.25	0.25	0.313	0.5
39491 PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	11/11/87-02/26/93	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39492 PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39495 PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	10 ##	5.	5.25	7.5	5.	0.625	0.791	5.	5.	5.	7.25
39496 PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39499 PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	11/11/87-02/28/96	9 ##	5.	5.278	7.5	5.	0.694	0.833	5.	5.	5.	7.5
39500 PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39503 PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	10 ##	5.	5.25	7.5	5.	0.625	0.791	5.	5.	5.	7.25
39504 PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39507 PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	10 ##	5.	30.15	254.	5.	6186.892	78.657	5.	5.	5.625	229.35
39508 PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39511 PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	11/11/87-02/28/96	10 ##	5.	5.25	7.5	5.	0.625	0.791	5.	5.	5.	7.25
39514 PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	11/11/87-02/28/96	10 ##	5.	5.25	7.5	5.	0.625	0.791	5.	5.	5.	7.25
39516 PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/13/87	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-11/21/86	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39530 MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39531 MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39540 PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39541 PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39570 DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39571 DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39580 GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/13/87-03/13/87	1 ##	0.05	0.05	0.05	0.	0.	**	**	**	**
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	05/19/88-03/11/97	10 ##	2.	1.61	2.	0.05	0.676	0.822	0.05	1.513	2.
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/11/87-02/28/96	9 ##	150.	133.556	150.	2.	2433.778	49.333	2.	150.	150.
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
39755	MIREX, TOTAL (UG/L)	03/13/87-03/22/94	8 ##	0.05	0.047	0.05	0.025	0.	0.009	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/11/87-02/14/94	7 ##	2.	2.	2.	2.	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	15 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/05/80-02/28/96	15 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/10/86-03/22/94	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/11/87-02/14/94	5 ##	2.	2.	2.	2.	0.	0.	**	**	**
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	11/08/85-03/13/87	3	0.	0.	0.	0.	0.	0.	**	**	**
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	11/08/85-03/13/87	2	0.	0.	0.	0.	0.	0.	**	**	**
50086	SETTLEABLE MATTER (ML/L/HR)	08/19/82-01/27/84	2	8.3	8.3	11.	5.6	14.58	3.818	**	**	**
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	02/28/96-02/28/96	1	23.	23.	23.	23.	0.	0.	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/05/80-02/28/96	16	1.	1.925	5.	0.4	2.929	1.711	0.47	0.5	3.3
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	89 ##	0.1	0.184	1.9	0.1	0.061	0.247	0.1	0.1	0.15
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/05/80-02/28/96	16 ##	0.15	0.144	0.15	0.1	0.	0.017	0.1	0.15	0.15
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	144.444	150.	100.	277.778	16.667	100.	150.	150.
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
77089	ANILINE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77146	P-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77152	O-CRESOL WHOLE WATER,UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77625	AZOBENZENE WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	03/12/93-03/12/93	1 ##	2.	2.	2.	2.	0.	0.	**	**	**
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	11/11/87-02/28/96	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	11/11/87-02/14/94	7 ##	5.	5.	5.	5.	0.	0.	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	11/07/88-02/28/96	8 ##	150.	150.	150.	150.	0.	0.	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	11/11/87-02/28/96	9 ##	150.	150.	150.	150.	0.	0.	150.	150.	150.
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	05/19/88-03/11/97	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	156	0.3	0.345	6.85	0.3	0.276	0.525	0.3	0.3	0.3
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	11/21/89-02/14/94	4 ##	2.	2.	2.	2.	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	198	4	0.02	75	1	0.01	72	3	0.04	51	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	196	0	0.00	74	0	0.00	72	0	0.00	50	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

# EPA Water Quality Criteria Analysis for Station: COSW0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	196	0	0.00	74	0	0.00	72	0	0.00	50	0	0.00			
	Other-Lo Lim.	6.5	196	17	0.09	74	6	0.08	72	7	0.10	50	4	0.08			
00403 PH, LAB	Other-Hi Lim.	9.	143	0	0.00	55	0	0.00	52	0	0.00	36	0	0.00			
	Other-Lo Lim.	6.5	143	15	0.10	55	6	0.11	52	5	0.10	36	4	0.11			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	197	0	0.00	75	0	0.00	72	0	0.00	50	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	3 &	3	1.00				3	3	1.00						
	Drinking Water	5.	3 &	3	1.00				3	3	1.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	90	0	0.00	35	0	0.00	30	0	0.00	25	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	36 &	2	0.06	13	0	0.00	13	1	0.08	10	1	0.10			
	Drinking Water	1300.	90	0	0.00	35	0	0.00	30	0	0.00	25	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	90	1	0.01	35	0	0.00	30	0	0.00	25	1	0.04			
	Drinking Water	15.	8 &	8	1.00	3	3	1.00	3	3	1.00	2	2	1.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	90	0	0.00	35	0	0.00	30	0	0.00	25	0	0.00			
	Drinking Water	100.	90	0	0.00	35	0	0.00	30	0	0.00	25	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	90	8	0.09	35	4	0.11	30	3	0.10	25	1	0.04			
	Drinking Water	5000.	90	0	0.00	35	0	0.00	30	0	0.00	25	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00	2	1	0.50	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	149	36	0.24	62	19	0.31	49	10	0.20	38	7	0.18			
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	1000.	10	0	0.00				6	0	0.00	4	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	9	0	0.00				7	0	0.00	2	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	14	0	0.00				10	0	0.00	4	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	10	0	0.00				7	0	0.00	3	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	10	0	0.00				7	0	0.00	3	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	700.	10	0	0.00				6	0	0.00	4	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	9	0	0.00				7	0	0.00	2	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	50.	9	0	0.00				7	0	0.00	2	0	0.00			
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	9	0	0.00				7	0	0.00	2	0	0.00			
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	9	0	0.00				7	0	0.00	2	0	0.00			
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	9	0	0.00				7	0	0.00	2	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	9	0	0.00				7	0	0.00	2	0	0.00			
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	9	0	0.00				7	0	0.00	2	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	10	0	0.00				6	0	0.00	4	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	9	0	0.00				5	0	0.00	4	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	10	0	0.00				6	0	0.00	4	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	9	0	0.00				7	0	0.00	2	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00				7	0	0.00	4	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	11	0	0.00				7	0	0.00	4	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	9	0	0.00				7	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0166

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	9	0	0.00				7	0	0.00	2	0	0.00			
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	9	0	0.00				7	0	0.00	2	0	0.00			
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	9	0	0.00				7	0	0.00	2	0	0.00			
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	9	0	0.00				7	0	0.00	2	0	0.00			
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	9	0	0.00				7	0	0.00	2	0	0.00			
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	1.	0 &	0	0.00												
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	9	0	0.00				7	0	0.00	2	0	0.00			
	Drinking Water	6.	9	0	0.00				7	0	0.00	2	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	10	0	0.00				6	0	0.00	4	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00				6	0	0.00	4	0	0.00			
	Drinking Water	5.	10	0	0.00				6	0	0.00	4	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	14	0	0.00	2	0	0.00	9	0	0.00	3	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	14	0	0.00	3	0	0.00	9	0	0.00	2	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	11	0	0.00				8	0	0.00	3	0	0.00			
	Drinking Water	2.	11	0	0.00				8	0	0.00	3	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	2.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	13 &	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
	Drinking Water	3.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.4	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.2	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	12	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	9	0	0.00				6	0	0.00	3	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	10	0	0.00				7	0	0.00	3	0	0.00			
	Drinking Water	1.	2 &	0	0.00							2	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
	Drinking Water	0.2	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	89	0	0.00	35	0	0.00	30	0	0.00	24	0	0.00			
	Drinking Water	2.	89	0	0.00	35	0	0.00	30	0	0.00	24	0	0.00			
77687 2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	9	0	0.00				7	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1980 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	3	15.	15.	17.	13.	4.	2.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	3	13.	11.667	16.	6.	26.333	5.132	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	3	10.	9.567	13.	5.7	13.463	3.669	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	3	8.5	9.167	10.8	8.2	2.023	1.422	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	3	2.6	2.733	3.2	2.4	0.173	0.416	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	3	6.6	6.633	6.7	6.6	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	3	6.6	6.631	6.7	6.6	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	3	0.251	0.234	0.251	0.2	0.001	0.03	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	3	55.	53.333	55.	50.	8.333	2.887	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	3	6.5	6.6	6.8	6.5	0.03	0.173	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	3	6.5	6.579	6.8	6.5	0.031	0.175	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	3	0.316	0.264	0.316	0.158	0.008	0.091	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	3	14.	13.667	14.	13.	0.333	0.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	3	5.	5.333	6.	5.	0.333	0.577	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	3	0.13	0.127	0.15	0.1	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	2	1.14	1.14	1.4	0.88	0.135	0.368	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	2	0.29	0.29	0.39	0.19	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	3	0.05	0.057	0.08	0.04	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	3	4.5	4.6	4.8	4.5	0.03	0.173	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	1	92.	92.	92.	92.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	1	1.964	1.964	1.964	1.964	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			92.								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	15.	16.	27.	7.	49.8	7.057	7.2	8.	23.	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	16.682	31.	1.	80.914	8.995	2.2	8.	24.	29.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	11	8.	14.	41.	2.1	150.606	12.272	2.68	5.8	23.	38.8
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	10.4	10.1	13.	7.9	2.734	1.653	7.96	8.3	11.6	12.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	3.4	3.445	5.3	2.1	1.267	1.125	2.1	2.3	4.5	5.26
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	10	5.5	9.52	27.	2.5	68.171	8.257	2.5	2.5	15.	26.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	7.073	8.3	6.4	0.324	0.569	6.42	6.6	7.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.1	6.838	8.3	6.4	0.385	0.62	6.42	6.6	7.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.079	0.145	0.398	0.005	0.017	0.129	0.007	0.063	0.251	0.382
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	9	70.	68.333	80.	45.	112.5	10.607	45.	65.	77.5	80.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	11	6.8	6.791	7.9	6.2	0.217	0.466	6.2	6.5	6.9	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	11	6.8	6.618	7.9	6.2	0.25	0.5	6.2	6.5	6.9	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	11	0.158	0.241	0.631	0.013	0.044	0.209	0.026	0.126	0.316	0.631
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	11	16.	15.636	26.	5.	30.655	5.537	6.	12.	18.	25.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	6.	11.127	37.	0.4	122.618	11.073	0.92	4.	15.	34.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	9	0.43	0.522	1.3	0.09	0.191	0.437	0.09	0.185	0.855	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	10	0.895	1.068	1.88	0.56	0.176	0.42	0.581	0.793	1.47	1.848
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	11	0.33	0.319	0.49	0.12	0.013	0.112	0.132	0.26	0.43	0.478
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	10	0.135	0.145	0.24	0.04	0.004	0.067	0.044	0.095	0.208	0.239
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	3.4	4.318	9.1	2.8	3.746	1.935	2.82	3.	5.5	8.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	220.	294.111	710.	44.	53099.111	230.432	44.	81.5	465.	710.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	2.342	2.311	2.851	1.643	0.183	0.427	1.643	1.9	2.667	2.851
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			204.608								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	16.5	16.167	26.	6.	46.561	6.824	6.3	9.625	22.375	25.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.	18.833	29.	0.	73.424	8.569	3.	11.75	26.25	28.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	11	17.	25.545	85.	4.	567.873	23.83	4.6	13.	35.	78.4
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.7	9.758	12.8	8.2	1.815	1.347	8.26	8.575	10.6	12.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.85	1.967	3.7	0.9	0.622	0.789	0.96	1.325	2.55	3.4
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12	7.15	9.517	22.	2.5	44.263	6.653	2.5	5.025	16.25	21.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.	7.125	7.5	6.9	0.038	0.196	6.93	7.	7.3	7.47
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.	7.089	7.5	6.9	0.04	0.2	6.93	7.	7.3	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.1	0.081	0.126	0.032	0.001	0.03	0.034	0.05	0.1	0.118
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	60.	58.182	80.	40.	216.364	14.709	40.	45.	70.	79.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	6.65	6.708	7.2	6.3	0.074	0.271	6.33	6.525	6.9	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	6.647	6.638	7.2	6.3	0.079	0.281	6.33	6.525	6.9	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.225	0.23	0.501	0.063	0.017	0.13	0.068	0.126	0.3	0.47
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	16.	18.917	40.	12.	59.538	7.716	12.6	15.	20.75	36.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	10.	26.527	150.	0.8	1925.898	43.885	1.04	4.	23.	131.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.2	0.325	1.	0.05	0.111	0.333	0.052	0.07	0.39	0.978
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.84	1.082	2.8	0.4	0.465	0.682	0.424	0.635	1.395	2.494
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.285	0.288	0.41	0.1	0.006	0.075	0.142	0.27	0.338	0.392
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.19	0.224	0.56	0.11	0.015	0.122	0.119	0.14	0.27	0.482
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.05	4.85	9.4	2.9	5.03	2.243	2.96	3.15	5.55	9.31
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	6	490.	572.333	1200.	84.	231792.667	481.449	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	6	2.597	2.571	3.079	1.924	0.23	0.48	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			372.54								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1983 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	16.75	16.208	27.	6.	36.748	6.062	7.05	11.	20.25	26.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	18.	18.458	30.	6.	59.248	7.697	6.75	12.75	25.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	7.2	8.025	20.	3.1	18.924	4.35	3.67	5.4	8.	17.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.9	10.067	11.8	8.9	1.133	1.065	8.9	9.025	11.	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.4	1.667	4.8	0.7	1.092	1.045	0.79	1.225	1.75	3.96
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	11	5.2	5.282	9.7	2.5	7.036	2.652	2.5	2.5	7.2	9.6
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.1	7.125	7.7	6.6	0.08	0.283	6.69	6.925	7.35	7.61
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.1	7.044	7.7	6.6	0.087	0.295	6.69	6.925	7.35	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.079	0.09	0.251	0.02	0.004	0.06	0.026	0.046	0.119	0.214
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	61.	61.273	75.	50.	82.218	9.067	50.	50.	70.	74.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	6.8	6.908	7.7	6.2	0.246	0.496	6.23	6.525	7.375	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	6.8	6.686	7.7	6.2	0.3	0.548	6.23	6.525	7.375	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.158	0.206	0.631	0.02	0.039	0.197	0.023	0.042	0.3	0.592
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	20.	19.5	27.	15.	12.636	3.555	15.	15.75	21.5	25.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	6.	6.909	15.	3.	14.491	3.807	3.2	4.	8.	14.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.09	0.118	0.39	0.025	0.01	0.1	0.03	0.06	0.11	0.35
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.47	0.535	0.85	0.32	0.03	0.174	0.322	0.4	0.69	0.826
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	11	0.27	0.273	0.33	0.19	0.002	0.043	0.198	0.23	0.31	0.328
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	11	0.08	0.09	0.24	0.01	0.006	0.075	0.01	0.025	0.15	0.228
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	3.9	3.891	6.9	2.2	1.633	1.278	2.22	3.2	4.3	6.48
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	7	100.	93.714	180.	44.	2243.238	47.363	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	7	2.	1.924	2.255	1.643	0.049	0.222	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			83.972								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1984 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.75	17.833	28.	9.	45.242	6.726	9.	10.375	23.625	26.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	18.	18.864	30.	9.	41.205	6.419	9.2	16.	23.	29.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	23.	24.217	54.	3.6	235.145	15.334	3.72	11.5	35.25	50.4
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.55	9.367	11.6	7.6	2.202	1.484	7.6	8.	10.725	11.51
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.8	1.908	3.1	1.	0.548	0.74	1.03	1.15	2.575	3.07
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	12	9.	8.008	17.	2.5	27.874	5.28	2.5	2.5	12.	15.98
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.15	7.158	7.6	6.5	0.07	0.264	6.65	7.1	7.3	7.54
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.147	7.068	7.6	6.5	0.079	0.281	6.65	7.1	7.3	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.071	0.085	0.316	0.025	0.006	0.076	0.03	0.05	0.079	0.251
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	62.5	63.917	80.	50.	168.629	12.986	50.	50.5	78.75	80.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.05	7.075	7.3	6.9	0.015	0.122	6.93	7.	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.047	7.061	7.3	6.9	0.015	0.122	6.93	7.	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.09	0.087	0.126	0.05	0.	0.022	0.05	0.079	0.1	0.118
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	18.	17.75	22.	13.	8.75	2.958	13.3	15.25	20.75	21.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	10	12.5	18.3	39.	4.	173.789	13.183	4.3	7.75	31.75	38.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.14	0.427	3.1	0.09	0.722	0.85	0.093	0.105	0.338	2.305
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.83	1.246	5.2	0.34	1.694	1.302	0.403	0.595	1.25	4.138
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.3	0.296	0.48	0.17	0.006	0.078	0.182	0.245	0.33	0.438
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.115	0.104	0.18	0.025	0.003	0.052	0.025	0.055	0.148	0.174
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	2.75	3.558	6.9	1.5	3.517	1.875	1.56	2.025	4.925	6.87
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	310.	522.778	2000.	125.	343219.444	585.849	125.	150.	610.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	9	2.491	2.547	3.301	2.097	0.149	0.386	2.097	2.175	2.784	3.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			352.69								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.	16.792	23.	8.5	27.066	5.203	8.65	11.75	21.	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	19.25	18.375	25.5	7.	39.778	6.307	8.2	12.625	24.5	25.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	5.25	7.392	23.	2.	40.428	6.358	2.03	2.5	10.95	20.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.	9.383	13.2	7.1	2.736	1.654	7.34	8.25	10.175	12.69
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.45	1.55	3.2	0.3	0.792	0.89	0.33	0.975	2.15	3.11
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	11	5.	10.773	38.	2.5	139.868	11.827	2.5	2.5	15.	35.6
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.05	7.167	7.8	6.4	0.141	0.375	6.58	7.	7.5	7.74
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.047	7.014	7.8	6.4	0.166	0.407	6.58	7.	7.5	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.09	0.097	0.398	0.016	0.01	0.101	0.019	0.032	0.1	0.309
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	70.	66.25	80.	45.	141.477	11.894	46.5	56.25	75.	80.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.1	7.125	7.4	6.8	0.031	0.176	6.86	7.	7.275	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.1	7.093	7.4	6.8	0.032	0.18	6.86	7.	7.275	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.079	0.081	0.158	0.04	0.001	0.033	0.04	0.053	0.1	0.141
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	19.	18.833	22.	17.	2.152	1.467	17.	18.	19.	21.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	5.	13.527	53.	0.8	302.178	17.383	0.84	2.	27.	49.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.09	0.098	0.24	0.025	0.005	0.071	0.025	0.025	0.16	0.228
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.58	0.646	1.18	0.2	0.096	0.31	0.234	0.43	0.97	1.156
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	11	0.25	0.313	0.95	0.13	0.052	0.228	0.136	0.17	0.33	0.844
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	11	0.06	0.077	0.27	0.025	0.005	0.072	0.025	0.025	0.11	0.24
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	4.	4.645	10.	1.7	6.167	2.483	1.86	2.8	6.5	9.34
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	7	230.	268.571	520.	70.	32647.619	180.687	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	7	2.362	2.323	2.716	1.845	0.121	0.348	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			210.221								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	15.	16.875	29.	8.5	50.142	7.081	8.8	10.125	23.	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.	19.5	34.	6.5	71.5	8.456	7.55	11.75	26.125	32.35
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	6.65	8.508	18.	2.9	28.986	5.384	3.08	3.65	14.	17.4
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.9	9.625	11.7	7.	2.602	1.613	7.3	8.075	11.25	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.45	1.817	5.8	0.7	1.936	1.391	0.76	1.125	1.75	4.99
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	11 ##	2.5	8.909	30.	2.5	114.541	10.702	2.5	2.5	9.	30.
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.6	7.479	8.	7.	0.109	0.331	7.	7.137	7.7	7.94
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.6	7.364	8.	7.	0.124	0.352	7.	7.137	7.7	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.025	0.043	0.1	0.01	0.001	0.033	0.012	0.02	0.074	0.1
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	75.	86.5	160.	60.	1000.278	31.627	60.	63.75	97.5	156.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.3	7.35	8.4	6.4	0.25	0.5	6.52	7.125	7.65	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.3	7.097	8.4	6.4	0.32	0.566	6.52	7.125	7.65	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.05	0.08	0.398	0.004	0.012	0.108	0.008	0.023	0.075	0.326
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	23.	23.583	34.	18.	19.902	4.461	18.3	20.25	25.5	32.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	11	5.	7.909	32.	2.	73.291	8.561	2.	3.	9.	27.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.06	0.065	0.11	0.025	0.001	0.033	0.025	0.031	0.098	0.11
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.485	0.518	0.79	0.3	0.023	0.153	0.318	0.395	0.67	0.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.325	0.313	0.43	0.15	0.008	0.089	0.159	0.25	0.388	0.421
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.06	0.069	0.15	0.025	0.002	0.041	0.025	0.05	0.078	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	3.5	13.708	123.	2.5	1186.021	34.439	2.56	2.8	5.35	87.87
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	170.	211.556	450.	14.	26797.778	163.7	14.	64.	365.	450.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	2.23	2.137	2.653	1.146	0.251	0.501	1.146	1.805	2.562	2.653
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			137.119								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	15.	14.727	25.	8.	34.268	5.854	8.2	9.	20.5	24.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	18.	16.955	28.	6.	63.823	7.989	6.	8.	24.	27.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	11	6.9	9.118	29.	5.1	49.146	7.01	5.2	5.7	7.	26.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	10.5	10.345	12.5	7.7	3.135	1.771	7.78	8.6	12.2	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	1.2	1.527	3.4	0.5	0.76	0.872	0.54	1.	2.4	3.2
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	10 ##	2.5	3.9	7.	2.5	3.489	1.868	2.5	2.5	6.	6.9
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.25	7.236	8.15	6.9	0.129	0.359	6.9	7.	7.4	8.
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.25	7.141	8.15	6.9	0.139	0.373	6.9	7.	7.4	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.056	0.072	0.126	0.007	0.002	0.04	0.014	0.04	0.1	0.126
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	80.	74.091	100.	40.	419.091	20.472	40.	65.	90.	99.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	11	7.	6.955	7.3	6.5	0.077	0.277	6.5	6.8	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	11	7.	6.87	7.3	6.5	0.085	0.291	6.5	6.8	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	11	0.1	0.135	0.316	0.05	0.009	0.096	0.05	0.063	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	11	17.	17.091	22.	10.	12.891	3.59	10.8	14.	20.	21.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	9	4.	5.222	11.	3.	7.194	2.682	3.	3.5	7.	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.039	0.09	0.025	0.001	0.023	0.025	0.025	0.058	0.084
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.39	0.408	0.64	0.23	0.015	0.122	0.251	0.308	0.488	0.619
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.29	0.3	0.44	0.04	0.013	0.114	0.079	0.258	0.395	0.434
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.06	0.061	0.14	0.025	0.001	0.035	0.025	0.025	0.08	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	3.	3.755	8.5	1.2	4.221	2.054	1.28	2.8	5.	7.94
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	230.	275.	630.	80.	41885.714	204.66	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	8	2.305	2.319	2.799	1.903	0.127	0.356	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			208.246								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1988 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	18.682	30.5	8.	52.964	7.278	8.4	13.	24.	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	23.	22.091	42.	8.	89.691	9.471	8.8	13.	27.	39.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	9.15	9.7	17.	3.1	21.129	4.597	3.67	6.25	14.	17.
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.3	9.209	11.2	6.7	2.089	1.445	6.84	7.5	10.1	11.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.6	1.908	4.6	0.6	1.192	1.092	0.75	1.125	2.575	4.09
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.4	7.368	8.25	6.5	0.291	0.539	6.54	6.9	7.8	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.4	7.086	8.25	6.5	0.378	0.615	6.54	6.9	7.8	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.04	0.082	0.316	0.006	0.01	0.098	0.007	0.016	0.126	0.293
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	90.	102.5	170.	70.	984.722	31.38	70.5	78.75	117.5	167.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.65	7.617	8.8	6.5	0.374	0.612	6.59	7.325	7.975	8.62
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.647	7.237	8.8	6.5	0.532	0.729	6.59	7.325	7.975	8.62
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.023	0.058	0.316	0.002	0.008	0.091	0.003	0.011	0.048	0.269
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	24.	23.083	27.	17.	10.447	3.232	17.6	20.25	26.	26.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	7	11.	9.429	14.	4.	14.619	3.823	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12	0.085	0.103	0.28	0.025	0.005	0.07	0.033	0.053	0.138	0.247
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.505	0.579	1.06	0.31	0.053	0.23	0.337	0.41	0.77	1.012
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.33	0.322	0.63	0.1	0.029	0.17	0.106	0.185	0.395	0.621
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.085	0.112	0.34	0.025	0.011	0.105	0.025	0.053	0.1	0.334
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.15	4.108	6.4	1.9	1.943	1.394	2.08	2.975	5.025	6.34
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	12	65.	83.917	260.	18.	4474.811	66.894	20.1	37.75	107.5	224.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	12	1.801	1.811	2.415	1.255	0.109	0.33	1.298	1.574	2.031	2.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.664								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	17.255	26.	9.	37.943	6.16	9.26	12.	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	17.	19.636	30.	11.	47.255	6.874	11.2	14.	27.	29.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	7.3	9.008	29.	2.5	51.11	7.149	2.8	4.075	10.75	24.5
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	7.7	8.318	10.6	6.4	2.012	1.418	6.5	7.3	9.7	10.48
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.7	1.767	3.	0.9	0.408	0.639	0.93	1.425	1.95	2.97
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.6	7.555	8.3	6.5	0.333	0.577	6.56	7.2	8.1	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.6	7.198	8.3	6.5	0.472	0.687	6.56	7.2	8.1	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.025	0.063	0.316	0.005	0.009	0.095	0.005	0.008	0.063	0.285
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	8	110.	104.375	130.	70.	495.982	22.271	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.5	7.492	8.4	7.	0.124	0.353	7.03	7.3	7.6	8.19
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.5	7.39	8.4	7.	0.136	0.368	7.03	7.3	7.6	8.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.032	0.041	0.1	0.004	0.001	0.026	0.009	0.025	0.05	0.094
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	24.	24.333	35.	18.	26.424	5.14	18.	21.	26.5	34.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	7.5	9.75	28.	2.	61.295	7.829	2.3	4.	13.	25.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	11	0.07	0.078	0.27	0.025	0.005	0.069	0.025	0.025	0.09	0.236
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.55	0.616	1.4	0.41	0.068	0.26	0.413	0.49	0.615	1.19
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.3	0.263	0.45	0.06	0.018	0.134	0.06	0.125	0.378	0.432
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.06	0.072	0.15	0.04	0.001	0.031	0.04	0.053	0.087	0.135
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	4.4	4.809	7.7	1.7	2.749	1.658	2.08	4.	6.	7.54
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	92.5	84.8	160.	11.	2587.733	50.87	11.2	37.75	125.	158.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	1.966	1.802	2.204	1.041	0.171	0.414	1.049	1.526	2.096	2.198
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			63.39								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	16.25	16.425	23.5	7.5	34.595	5.882	8.13	10.75	22.	23.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	24.	25.	36.	15.	38.864	6.234	15.9	21.25	28.25	35.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	8.15	9.75	32.	5.8	50.957	7.138	5.89	6.275	9.15	25.4
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	7.9	8.525	11.4	6.3	2.242	1.497	6.63	7.525	9.925	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.3	1.367	2.4	0.6	0.328	0.573	0.63	0.85	1.775	2.31
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.475	7.388	7.8	6.6	0.118	0.344	6.75	7.125	7.675	7.77
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.474	7.236	7.8	6.6	0.143	0.378	6.75	7.125	7.675	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.034	0.058	0.251	0.016	0.004	0.065	0.017	0.021	0.075	0.2
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	100.	106.364	175.	55.	1465.455	38.281	57.	70.	130.	172.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.3	7.325	8.1	6.8	0.2	0.447	6.8	6.9	7.75	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.3	7.15	8.1	6.8	0.234	0.483	6.8	6.9	7.75	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.05	0.071	0.158	0.008	0.003	0.057	0.009	0.018	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	19.	21.667	38.	15.	51.697	7.19	15.6	18.	21.75	37.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	8	6.	12.5	48.	2.	240.571	15.51	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.066	0.31	0.025	0.007	0.082	0.025	0.025	0.078	0.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.42	0.507	1.62	0.24	0.132	0.364	0.255	0.32	0.5	1.308
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.315	0.304	0.48	0.04	0.017	0.13	0.07	0.22	0.41	0.471
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.05	0.071	0.28	0.03	0.005	0.069	0.03	0.04	0.078	0.223
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	6.1	6.382	10.6	3.4	7.152	2.674	3.46	3.8	8.5	10.56
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	7	70.	87.857	170.	30.	2072.81	45.528	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	7	1.845	1.891	2.23	1.477	0.057	0.238	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			77.855								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.337	0.75	0.3	0.017	0.13	0.3	0.3	0.3	0.615

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.5	16.458	22.5	8.	17.703	4.207	8.9	13.25	19.875	21.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	24.	21.667	28.	9.	43.652	6.607	9.9	15.875	27.375	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	6.85	11.967	40.	1.9	133.517	11.555	2.29	3.45	20.	34.9
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.55	8.617	10.5	7.3	0.9	0.949	7.3	7.825	9.35	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	0.95	1.188	3.1	0.05	0.671	0.819	0.185	0.725	1.625	2.83
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.95	7.113	7.95	6.75	0.16	0.4	6.75	6.8	7.35	7.89
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.947	6.99	7.95	6.75	0.176	0.42	6.75	6.8	7.35	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.113	0.102	0.178	0.011	0.004	0.061	0.013	0.046	0.158	0.178
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	12	70.	69.583	80.	55.	79.356	8.908	56.5	61.25	80.	80.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	12	7.3	7.333	8.2	6.9	0.113	0.337	6.93	7.125	7.475	8.02
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	12	7.3	7.244	8.2	6.9	0.122	0.349	6.93	7.125	7.475	8.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	12	0.05	0.057	0.126	0.006	0.001	0.033	0.012	0.034	0.075	0.118
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	11	20.	19.818	23.	16.	4.964	2.228	16.2	18.	21.	23.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	3.	8.767	42.	0.4	152.413	12.346	0.52	1.	10.	36.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.038	0.051	0.11	0.025	0.001	0.032	0.025	0.025	0.082	0.107
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.42	0.4	0.56	0.11	0.017	0.132	0.152	0.328	0.508	0.554
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.33	0.329	0.43	0.26	0.003	0.057	0.26	0.28	0.375	0.421
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.075	0.079	0.13	0.02	0.001	0.031	0.029	0.063	0.105	0.127
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.85	5.375	8.4	3.4	2.526	1.589	3.58	4.3	6.35	8.28
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	115.	113.	230.	34.	4769.111	69.059	34.6	40.	170.	227.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	10	2.06	1.966	2.362	1.531	0.093	0.306	1.539	1.602	2.228	2.356
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			92.396								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1992 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	15.25	15.217	20.5	8.	17.836	4.223	8.63	11.5	19.75	20.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	20.5	19.583	31.	5.	92.992	9.643	5.6	11.25	30.	30.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	7.7	9.85	29.	1.8	65.795	8.111	1.86	3.3	15.5	25.1
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	9.15	8.967	10.	7.2	0.924	0.961	7.35	8.125	9.925	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.95	2.025	5.7	0.5	2.038	1.428	0.56	0.725	2.675	4.86
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.175	7.097	7.5	6.3	0.135	0.368	6.393	6.85	7.413	7.485
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.169	6.926	7.5	6.3	0.167	0.409	6.393	6.85	7.413	7.485
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.068	0.119	0.501	0.032	0.018	0.136	0.033	0.039	0.144	0.424
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	65.	62.273	80.	50.	76.818	8.765	50.	55.	65.	78.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	9	7.4	7.433	7.7	7.1	0.05	0.224	7.1	7.25	7.65	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	9	7.4	7.383	7.7	7.1	0.053	0.23	7.1	7.25	7.65	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	9	0.04	0.041	0.079	0.02	0.	0.021	0.02	0.023	0.057	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	20.	20.917	26.	19.	3.902	1.975	19.	20.	21.75	25.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	5.	8.902	32.	0.025	91.607	9.571	0.258	2.	13.25	28.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.365	0.396	0.73	0.05	0.042	0.205	0.104	0.248	0.563	0.724
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.285	0.312	0.5	0.21	0.008	0.09	0.216	0.243	0.38	0.482
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.05	0.051	0.1	0.02	0.001	0.026	0.02	0.023	0.075	0.094
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.6	4.833	8.4	3.4	1.886	1.373	3.4	3.875	5.25	7.68
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	105.5	166.	520.	31.	28451.429	168.676	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	8	1.999	2.033	2.716	1.491	0.186	0.432	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			107.94								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	16.5	15.375	26.	8.5	30.642	5.536	8.5	9.875	19.25	24.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	17.5	17.833	30.	7.	81.242	9.013	7.3	9.	26.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	8.15	9.9	24.	2.4	33.764	5.811	2.94	6.425	12.75	21.6
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.55	8.575	11.1	5.9	1.998	1.414	6.2	7.725	9.175	10.92
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	1.9	2.373	7.1	1.	3.04	1.744	1.04	1.3	3.2	6.34
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.75	6.775	7.65	6.2	0.216	0.464	6.215	6.288	7.175	7.545
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.747	6.587	7.65	6.2	0.254	0.504	6.215	6.288	7.175	7.545
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.179	0.259	0.631	0.022	0.049	0.221	0.031	0.067	0.521	0.61
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	60.	59.545	70.	50.	67.273	8.202	50.	50.	65.	70.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	17.	17.083	20.	15.	1.902	1.379	15.3	16.	17.75	19.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	3.5	4.583	12.	2.	12.265	3.502	2.	2.	5.75	11.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.345	0.529	2.	0.05	0.26	0.51	0.11	0.3	0.665	1.658
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.375	0.372	0.52	0.2	0.012	0.107	0.215	0.275	0.483	0.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.045	0.044	0.09	0.01	0.001	0.026	0.01	0.02	0.068	0.084
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.65	4.783	10.	1.8	4.082	2.02	2.1	3.625	5.45	8.77
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	68.	76.727	130.	11.	1577.418	39.717	17.2	43.	120.	128.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	11	1.833	1.808	2.114	1.041	0.097	0.311	1.158	1.633	2.079	2.107
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			64.226								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	16.5	15.367	21.5	6.5	28.295	5.319	6.62	10.625	20.125	21.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	20.5	20.083	33.	8.	64.265	8.017	8.9	11.5	26.75	31.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	5.85	6.9	18.	2.6	20.693	4.549	2.66	4.325	6.85	16.8
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.9	8.942	11.9	6.4	3.117	1.766	6.49	7.6	10.375	11.75
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	11	1.3	1.5	3.3	0.4	0.734	0.857	0.42	0.8	2.2	3.1
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.925	6.988	8.45	6.3	0.322	0.568	6.33	6.55	7.238	8.114
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	6.919	6.765	8.45	6.3	0.377	0.614	6.33	6.55	7.237	8.114
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.121	0.172	0.501	0.004	0.024	0.155	0.017	0.058	0.287	0.47
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	65.	64.	75.	50.	65.556	8.097	50.5	58.75	71.25	75.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	18.	18.083	22.	16.	3.356	1.832	16.	16.25	19.	21.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	5.	6.583	15.	3.	15.72	3.965	3.	3.	9.	13.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.34	0.343	0.83	0.1	0.032	0.178	0.121	0.24	0.378	0.701
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.315	0.349	0.69	0.21	0.019	0.138	0.213	0.255	0.373	0.645
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.045	0.064	0.17	0.03	0.002	0.043	0.03	0.033	0.08	0.155
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	11	5.2	4.955	8.1	2.2	2.571	1.603	2.46	3.7	5.6	7.82
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	10	85.5	111.6	390.	22.	12633.378	112.398	22.3	27.25	165.	369.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	10	1.928	1.871	2.591	1.342	0.172	0.415	1.348	1.435	2.217	2.557
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			74.276								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	10	18.75	18.5	31.	11.	47.444	6.888	11.	11.75	23.125	30.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	11	23.	24.455	38.	13.	59.873	7.738	13.6	18.	32.	37.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	11.	25.442	140.	5.3	1421.83	37.707	5.36	8.3	26.25	110.9
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	11	9.8	9.845	16.5	6.8	6.135	2.477	7.02	8.2	10.4	15.28
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	2.	1.958	3.9	0.7	0.926	0.962	0.73	1.125	2.375	3.69
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.09	7.142	7.96	6.1	0.305	0.552	6.2	6.85	7.41	7.958
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	11	7.09	6.824	7.96	6.1	0.416	0.645	6.2	6.85	7.41	7.958
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	11	0.081	0.15	0.794	0.011	0.051	0.225	0.011	0.039	0.141	0.686
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	11	75.	79.727	120.	45.	498.818	22.334	47.	65.	90.	118.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	19.5	19.583	25.	13.	11.902	3.45	14.2	17.	22.5	24.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	6.5	24.	150.	4.	1788.182	42.287	4.3	5.	19.75	121.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	11	0.48	0.589	1.1	0.25	0.087	0.294	0.266	0.35	0.89	1.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.38	0.375	0.61	0.2	0.014	0.116	0.209	0.268	0.425	0.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.075	0.102	0.26	0.02	0.006	0.077	0.02	0.043	0.153	0.248
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	5.05	4.975	7.	1.	2.655	1.629	1.66	4.55	6.25	6.85
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	130.	187.	400.	93.	11603.5	107.72	93.	130.	265.	400.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	9	2.114	2.22	2.602	1.968	0.045	0.212	1.968	2.114	2.405	2.602
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			166.072								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	10	0.3	0.955	6.85	0.3	4.29	2.071	0.3	0.3	0.3	6.195

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	15.5	16.167	23.	7.5	23.424	4.84	8.4	12.625	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	12	21.5	20.183	30.	0.2	76.694	8.758	2.54	16.75	29.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	12	6.35	8.517	18.	4.3	24.172	4.917	4.36	5.1	11.125
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	12	8.9	9.117	11.	6.9	1.52	1.233	7.23	8.25	10.475
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	12	1.6	1.633	3.	0.5	0.517	0.719	0.65	1.025	2.175
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.135	7.21	7.73	6.64	0.115	0.34	6.694	6.99	7.538
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	12	7.135	7.095	7.73	6.64	0.13	0.36	6.694	6.99	7.537
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	12	0.073	0.08	0.229	0.019	0.004	0.061	0.02	0.029	0.103
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	10	65.	62.5	75.	50.	90.278	9.501	50.	50.	74.5
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	12	18.5	18.75	23.	16.	6.386	2.527	16.	16.25	22.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	12	4.	4.417	10.	2.	5.174	2.275	2.	3.	9.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	12 ##	0.025	0.107	0.98	0.025	0.076	0.275	0.025	0.025	0.701
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	12	0.455	0.51	1.12	0.14	0.075	0.274	0.185	0.325	1.042
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	12	0.345	0.376	0.67	0.01	0.035	0.187	0.073	0.263	0.658
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	12	0.025	0.027	0.06	0.01	0.	0.017	0.01	0.01	0.057
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	12	4.8	5.142	10.	3.8	2.557	1.599	3.89	4.4	8.68
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	12	42.5	47.667	110.	13.	802.788	28.334	14.5	24.5	100.1
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	12	1.628	1.604	2.041	1.114	0.075	0.273	1.156	1.387	1.995
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			40.213							
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	6	16.75	16.15	25.4	7.	52.295	7.232	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	6	25.	23.667	30.	14.	35.467	5.955	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	6	15.25	17.617	40.	3.8	211.394	14.539	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	6	8.65	9.233	11.2	7.9	2.051	1.432	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	6	1.15	1.667	3.6	0.7	1.375	1.172	**	**	**
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	6	6.755	7.003	7.97	6.46	0.413	0.643	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	6	6.708	6.735	7.97	6.46	0.5	0.707	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	6	0.196	0.184	0.347	0.011	0.024	0.154	**	**	**
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	5	60.	61.	70.	45.	105.	10.247	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	6	17.	16.5	20.	11.	12.7	3.564	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	5	10.	44.6	170.	4.	5048.8	71.055	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	6	0.395	0.625	1.23	0.28	0.176	0.419	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	6	0.375	0.345	0.53	0.17	0.017	0.131	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	6	0.05	0.088	0.3	0.01	0.011	0.107	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	6	5.1	5.4	10.6	3.	7.564	2.75	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	4	81.5	118.	300.	9.	16878.	129.915	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	4	1.856	1.786	2.477	0.954	0.426	0.653	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			61.095							
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	73	20.	20.459	31.	9.	16.88	4.109	15.	18.	23.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	73	24.	23.897	38.	6.	35.576	5.965	16.	19.	28.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	75	7.7	12.66	140.	1.8	315.094	17.751	3.36	5.	12.	29.4
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	74	8.3	8.554	16.5	5.9	2.359	1.536	6.95	7.675	9.1	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	75	1.5	1.795	5.7	0.3	1.117	1.057	0.7	1.1	2.2	3.14
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	33	5.	7.333	38.	2.5	62.794	7.924	2.5	2.5	9.05	15.6
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	74	7.1	7.097	8.2	6.1	0.188	0.433	6.6	6.842	7.3	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	74	7.1	6.897	8.2	6.1	0.229	0.478	6.6	6.842	7.3	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	74	0.079	0.127	0.794	0.006	0.02	0.143	0.02	0.05	0.144	0.251
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	63	75.	80.238	170.	45.	502.088	22.407	62.	70.	80.	113.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	55	7.	7.076	8.2	6.3	0.157	0.396	6.5	6.8	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	55	7.	6.916	8.2	6.3	0.183	0.428	6.5	6.8	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	55	0.1	0.121	0.501	0.006	0.011	0.107	0.025	0.04	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	74	20.	19.973	40.	5.	24.712	4.971	15.	17.	22.	26.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	68	5.5	12.206	150.	0.4	455.441	21.341	2.	3.	10.	36.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	73	0.05	0.115	1.3	0.025	0.053	0.23	0.025	0.025	0.11	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	73	0.5	0.602	1.88	0.14	0.109	0.33	0.308	0.385	0.74	1.024
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	75	0.29	0.289	0.52	0.04	0.01	0.101	0.146	0.23	0.34	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	75	0.05	0.072	0.3	0.01	0.004	0.066	0.02	0.025	0.09	0.168
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	75	4.5	4.456	8.5	1.	2.593	1.61	2.36	3.2	5.5	6.44
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	35 ###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	35 ###	25.	18.857	60.	5.	139.832	11.825	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	35 ###	25.	19.429	50.	5.	142.311	11.929	5.	5.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	35	510.	968.286	9800.	150.	2637267.563	1623.967	290.	430.	830.	1640.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	35 ###	25.	27.714	70.	25.	88.739	9.42	25.	25.	25.	35.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	34	75.	126.176	640.	20.	17863.725	133.655	25.	60.	152.5	270.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	35 ###	25.	20.857	50.	10.	105.126	10.253	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	35	50.	61.143	200.	10.	2169.244	46.575	20.	25.	90.	130.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	62	110.	231.597	2000.	11.	96311.851	310.342	36.5	63.75	345.	548.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	62	2.041	2.109	3.301	1.041	0.22	0.469	1.561	1.804	2.538	2.739
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	62	2.041	2.109	3.301	1.041	0.22	0.469	1.561	1.804	2.538	2.739
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	35 ##	0.1	0.166	1.	0.1	0.033	0.183	0.1	0.1	0.1	0.3
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	58	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	72	10.3	10.871	17.5	6.	7.726	2.78	7.65	9.	13.	14.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	72	12.25	13.135	24.	0.	35.666	5.972	6.15	8.125	18.	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	72	8.	12.725	85.	1.9	180.244	13.425	3.59	5.7	16.	23.7
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	72	10.5	10.304	13.2	6.9	1.785	1.336	8.2	9.55	11.275	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	72	1.5	1.817	5.8	0.5	0.955	0.977	0.8	1.1	2.375	3.2
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	28	5.95	9.882	30.	2.5	73.479	8.572	2.5	2.5	15.	26.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	72	7.2	7.204	8.45	6.25	0.226	0.475	6.515	6.9	7.6	7.779
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	72	7.2	6.979	8.45	6.25	0.278	0.527	6.515	6.9	7.6	7.779
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	72	0.063	0.105	0.562	0.004	0.012	0.11	0.017	0.025	0.126	0.306
00402	SPECIFIC CONDUCTANCE, NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	68	60.	64.676	175.	40.	539.595	23.229	45.	50.	70.	90.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	52	7.1	7.187	8.4	6.2	0.237	0.487	6.53	6.8	7.5	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	52	7.1	6.962	8.4	6.2	0.288	0.537	6.53	6.8	7.5	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	52	0.079	0.109	0.631	0.004	0.014	0.117	0.015	0.032	0.158	0.297
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	73	19.	19.123	38.	10.	22.61	4.755	13.4	16.5	21.	25.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	63	6.	11.41	150.	0.8	402.669	20.067	2.	4.	11.	23.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	71 ##	0.025	0.126	3.1	0.025	0.144	0.38	0.025	0.025	0.09	0.206
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	72	0.44	0.624	5.2	0.05	0.481	0.693	0.29	0.343	0.577	1.088
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	72	0.295	0.315	0.95	0.01	0.018	0.134	0.17	0.233	0.38	0.43
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	72	0.07	0.085	0.56	0.01	0.006	0.078	0.02	0.043	0.1	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	69	4.3	6.325	123.	1.6	206.796	14.38	2.7	3.4	5.3	7.7
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	30 ##	5.	6.433	25.	5.	23.702	4.869	5.	5.	5.	9.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	30 ##	25.	16.833	25.	5.	97.385	9.868	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	30 ##	25.	19.333	50.	5.	158.161	12.576	5.	5.	25.	29.5
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	30	600.	1039.667	10000.	100.	3248196.437	1802.275	282.	362.5	900.	2090.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	30 ##	25.	27.5	50.	25.	58.19	7.628	25.	25.	25.	47.5
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	30	30.	55.667	240.	20.	2521.954	50.219	20.	25.	72.5	127.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	30 ##	25.	20.5	50.	10.	116.121	10.776	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	30	25.	91.333	1000.	5.	42082.644	205.141	5.	10.	62.5	415.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	49	98.	164.735	1200.	9.	42928.407	207.192	29.	55.5	170.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	49	1.991	2.005	3.079	0.954	0.186	0.432	1.462	1.744	2.23	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/80-06/17/97	49	98.	164.735	1200.	9.	42928.407	207.192	29.	55.5	170.	400.
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	10 ##	1.	4.6	10.	1.	21.6	4.648	1.	1.	10.	10.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.297	1.25	0.025	0.292	0.54	0.025	0.025	0.638	1.25
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	9 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	30 ##	0.1	0.213	1.9	0.1	0.114	0.337	0.1	0.1	0.2	0.4
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	57	0.3	0.423	6.85	0.3	0.754	0.869	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/80-06/17/97	50	18.5	18.612	30.5	6.9	24.409	4.941	11.65	15.75	22.	25.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/80-06/17/97	50	24.5	23.73	42.	9.	42.655	6.531	12.5	19.	27.25	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/80-06/17/97	51	8.5	11.649	40.	2.	77.767	8.819	3.2	5.1	16.	26.2
00300	OXYGEN, DISSOLVED MG/L	10/23/80-06/17/97	50	8.85	8.906	11.2	6.4	1.112	1.054	7.61	8.1	9.7	10.38
00310	BOD, 5 DAY, 20 DEG C MG/L	10/23/80-06/17/97	50	1.8	1.983	7.1	0.05	1.681	1.297	0.7	1.	2.4	3.59
00335	COD, .025N K2CR2O7 MG/L	10/23/80-01/19/88	20 ##	5.	5.695	18.	2.5	17.259	4.154	2.5	2.5	7.725	12.62
00400	PH (STANDARD UNITS)	10/23/80-06/17/97	50	7.225	7.233	8.3	6.25	0.192	0.439	6.61	7.	7.478	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/23/80-06/17/97	50	7.224	7.022	8.3	6.25	0.238	0.487	6.61	7.	7.477	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-06/17/97	50	0.06	0.095	0.562	0.005	0.012	0.109	0.016	0.033	0.1	0.246
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	10/23/80-06/17/97	47	70.	75.106	160.	45.	546.184	23.371	50.	60.	80.	112.
00403	PH, LAB, STANDARD UNITS SU	10/23/80-09/25/95	36	7.3	7.25	8.8	6.2	0.28	0.529	6.44	7.025	7.5	7.9

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	10/23/80-09/25/95	36	7.3	6.951	8.8	6.2	0.372	0.61	6.44	7.025	7.5	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/80-09/25/95	36	0.05	0.112	0.631	0.002	0.026	0.16	0.013	0.032	0.095	0.372
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/80-06/17/97	51	19.	19.392	35.	14.	14.923	3.863	15.2	17.	21.	24.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/80-06/17/97	50	6.5	12.325	170.	0.025	586.105	24.21	2.1	4.	11.25	23.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-06/17/97	50	0.05	0.124	0.98	0.025	0.033	0.181	0.025	0.025	0.115	0.389
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/80-06/17/97	50	0.56	0.658	2.	0.05	0.151	0.388	0.27	0.345	0.855	1.216
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/05/80-06/17/97	50	0.355	0.373	0.69	0.06	0.016	0.127	0.24	0.298	0.44	0.558
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/80-06/17/97	50	0.08	0.108	0.34	0.01	0.007	0.081	0.03	0.06	0.14	0.24
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/23/80-06/17/97	50	4.75	5.038	10.6	1.5	4.957	2.226	2.8	3.375	5.675	9.04
01027	CADMIUM, TOTAL (UG/L AS CD)	10/23/80-05/27/97	25 ###	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/23/80-05/27/97	25 ##	25.	17.2	25.	5.	96.	9.798	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	10/23/80-05/27/97	25 ##	25.	18.4	25.	5.	76.5	8.746	5.	10.	25.	25.
01045	IRON, TOTAL (UG/L AS FE)	10/23/80-05/27/97	25	610.	854.8	3100.	220.	487051.	697.89	280.	450.	900.	2040.
01051	LEAD, TOTAL (UG/L AS PB)	10/23/80-05/27/97	25 ##	25.	28.6	90.	25.	188.583	13.733	25.	25.	25.	35.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/23/80-05/27/97	25	30.	44.	90.	10.	602.083	24.537	20.	25.	60.	84.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/80-05/27/97	25 ##	25.	19.	25.	10.	56.25	7.5	10.	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/23/80-05/27/97	25 ##	25.	37.2	170.	5.	1298.083	36.029	5.	22.5	45.	86.
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	38	105.	123.737	400.	13.	11200.145	105.831	21.2	45.5	137.5	309.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/23/80-06/17/97	38	2.021	1.934	2.602	1.114	0.161	0.401	1.323	1.658	2.136	2.489
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			85.948								
34301	CHLOROBENZENE TOTWUG/L	05/19/88-03/11/97	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.033	0.05	0.025	0.	0.014	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.1	0.25	0.025	0.017	0.13	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/01/80-03/11/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/23/80-05/27/97	24 ##	0.1	0.175	1.	0.1	0.039	0.198	0.1	0.1	0.175	0.4
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	10/01/81-06/17/97	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



## Station Inventory for Station: COSW0167

NPS Station ID: COSW0167  
 Location: CONGAREE RVR AT BLOSSOM ST BRDG  
 Station Type: /TYP/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE-COOPER  
 RF1 Index: 03050110030  
 RF3 Index: 03050104081300.00  
 Description:

LAT/LON: 33.983337/ -81.050004

Depth of Water: 999  
 Elevation: 0  
 RF1 Mile Point: 5.910  
 RF3 Mile Point: 0.00

Agency: 21SC60WQ  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): XCSB-001  
 Within Park Boundary: No

Date Created: 02/13/79

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.20  
 Distance from RF3: 0.22

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/77-06/21/77	3	21.	22.	26.	19.	13.	3.606	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/24/77-06/21/77	3	8.5	8.167	8.6	7.4	0.443	0.666	**	**	**	**
00400 PH (STANDARD UNITS)	05/24/77-06/21/77	3	7.3	7.267	7.5	7.	0.063	0.252	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/24/77-06/21/77	3	7.3	7.218	7.5	7.	0.067	0.259	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/77-06/21/77	3	0.05	0.061	0.1	0.032	0.001	0.035	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/24/77-06/21/77	3	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0167

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0168

NPS Station ID: COSW0168  
 Location: CONGAREE RIVER AT COLUMBIA, SC  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110030  
 RF3 Index: 03050110003101.49  
 Description:

LAT/LON: 33.993059/ -81.050004

Depth of Water: 0  
 Elevation: 0

RF1 Mile Point: 6.510  
 RF3 Mile Point: 1.49

Agency: 112WRD  
 FIPS State/County: 45079 SOUTH CAROLINA/RICHLAND  
 STORET Station ID(s): 02169500  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.80  
 Distance from RF3: 0.03

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	79	15.5	15.656	30.	5.5	37.899	6.156	8.	10.5	20.5	24.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/95-03/10/97	20	16.5	17.05	30.	4.5	79.313	8.906	6.1	8.125	25.75	28.8
00025 BAROMETRIC PRESSURE (MM OF HG)	10/23/95-03/10/97	20	765.	764.95	779.	752.	30.155	5.491	758.1	762.	767.75	770.
00060 FLOW, STREAM, MEAN DAILY CFS	05/17/57-09/21/72	51	9000.	10300.784	32400.	2830.	39547931.373	6288.715	3744.	5200.	13200.	17860.
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/26/56-09/04/96	36	8036.5	11107.806	53640.	1724.	101129026.333	10056.293	3196.4	4940.	14340.	25560.
00065 STAGE, STREAM (FEET)	10/23/95-03/10/97	20	5.22	6.395	17.31	2.7	12.193	3.492	3.852	4.48	7.243	13.614
00070 TURBIDITY, (JACKSON CANDLE UNITS)	10/27/77-04/28/78	6	40.	45.833	95.	15.	1084.167	32.927	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/30/78-09/19/78	5	8.	13.2	35.	3.	169.2	13.008	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	05/12/54-09/09/65	40	12.	14.275	35.	5.	53.64	7.324	5.1	10.	20.	24.5
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	96	70.	70.125	101.	39.	133.521	11.555	56.	62.	76.	85.
00300 OXYGEN, DISSOLVED MG/L	07/09/71-03/10/97	56	9.1	9.273	12.5	5.8	2.702	1.644	7.11	8.125	10.575	11.49
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	96	6.9	6.902	8.	5.5	0.184	0.428	6.3	6.6	7.2	7.4
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	96	6.9	6.663	8.	5.5	0.241	0.491	6.3	6.6	7.2	7.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	96	0.126	0.217	3.162	0.01	0.128	0.358	0.04	0.063	0.251	0.501
00403 PH, LAB, STANDARD UNITS SU	10/23/95-03/10/97	20	7.4	7.335	7.8	6.7	0.075	0.274	6.91	7.2	7.575	7.6
00403 CONVERTED PH, LAB, STANDARD UNITS	10/23/95-03/10/97	20	7.4	7.244	7.8	6.7	0.084	0.289	6.91	7.2	7.575	7.6
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/95-03/10/97	20	0.04	0.057	0.2	0.016	0.002	0.044	0.025	0.027	0.063	0.123
00405 CARBON DIOXIDE (MG/L AS CO2)	10/27/77-04/28/78	6	2.9	3.3	7.	2.	3.5	1.871	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/59-09/19/78	34	20.	19.265	26.	11.	12.685	3.562	14.5	16.75	22.	23.
00440 BICARBONATE ION (MG/L AS HCO3)	05/12/54-04/28/78	46	25.	24.87	35.	14.	16.783	4.097	19.7	22.	28.	30.3
00445 CARBONATE ION (MG/L AS CO3)	10/28/59-04/28/78	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453 BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/23/95-03/10/97	20	24.	24.4	44.	16.	33.726	5.807	17.	21.5	26.75	28.8
00572 BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/19/78-09/19/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00573 BIOMASS, PERIPHYTON, DRY WEIGHT TOTAL (G/M2)	09/19/78-09/19/78	1	3.07	3.07	3.07	3.07	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	02/17/78-09/19/78	7	0.68	0.731	0.99	0.6	0.019	0.138	**	**	**	**
00605 NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/17/78-09/19/78	7	0.33	0.371	0.68	0.23	0.022	0.147	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/95-03/10/97	20	0.02	0.025	0.12	0.008	0.001	0.026	0.008	0.008	0.038	0.049
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/77-09/19/78	11	0.02	0.024	0.06	0.005	0.	0.018	0.005	0.01	0.03	0.058
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/95-03/10/97	20 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/27/77-03/10/97	30 ##	0.1	0.217	0.64	0.1	0.027	0.163	0.1	0.1	0.278	0.514
00624 NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	02/17/78-08/15/78	6	0.025	0.053	0.16	0.	0.005	0.068	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/78-03/10/97	27	0.2	0.283	1.	0.1	0.041	0.204	0.1	0.1	0.38	0.538
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/77-09/19/78	11	0.33	0.315	0.4	0.11	0.009	0.094	0.13	0.25	0.4	0.4
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/23/95-03/10/97	20	0.3	0.33	0.4	0.2	0.003	0.057	0.3	0.3	0.4	0.4
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	10/28/59-09/09/65	23	0.	0.006	0.1	0.	0.	0.021	0.	0.	0.	0.01
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/27/77-03/10/97	31	0.04	0.073	0.38	0.005	0.008	0.09	0.02	0.03	0.06	0.206
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/77-03/10/97	30	0.02	0.016	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.03
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/23/95-03/10/97	20	0.02	0.015	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/27/77-08/15/78	8	5.15	6.3	12.	2.8	11.789	3.433	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-03/10/97	24	3.15	3.475	6.4	1.6	1.703	1.305	2.15	2.725	3.725
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-03/10/97	24	0.3	0.704	4.8	0.2	1.021	1.011	0.2	0.3	0.575
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	51	15.	15.314	21.	12.	4.14	2.035	12.2	14.	17.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	51	0.	0.118	2.	0.	0.186	0.431	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	71	3.7	3.761	5.1	2.4	0.274	0.524	3.12	3.4	4.1
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	71	1.6	1.524	2.2	0.7	0.094	0.307	1.02	1.4	1.7
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	71	7.	6.928	10.	3.9	1.817	1.348	5.22	5.8	7.9
00931	SODIUM ADSORPTION RATIO	10/28/59-09/19/78	34	0.7	0.718	1.1	0.4	0.015	0.124	0.6	0.6	0.8
00932	SODIUM, PERCENT	10/28/59-09/19/78	34	44.	44.471	57.	31.	18.863	4.343	41.	42.	46.25
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	71	1.7	1.732	2.4	0.05	0.129	0.36	1.4	1.6	2.
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	71	5.	5.155	9.	3.	1.733	1.316	4.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	71	4.	4.507	8.	1.	2.768	1.664	2.2	3.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	71	0.1	0.168	0.9	0.	0.021	0.145	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	71	11.	10.945	15.	7.2	3.413	1.847	8.1	9.7	12.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/20/77-09/19/78	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	12/20/77-06/23/78	3 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/20/77-09/19/78	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	12/20/77-09/19/78	4 ##	50.	50.	50.	50.	0.	0.	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS Ba)	12/20/77-09/19/78	4	0.	0.	0.	0.	0.	0.	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	12/20/77-09/19/78	4 ##	50.	50.	50.	50.	0.	0.	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	12/20/77-09/19/78	4 ##	1.	1.	2.	0.	0.667	0.816	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS Cd)	12/20/77-09/19/78	4	0.5	0.75	2.	0.	0.917	0.957	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/20/77-09/19/78	4 ##	1.5	1.25	2.	0.	0.917	0.957	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	12/20/77-09/19/78	4 ##	0.5	1.25	4.	0.	3.583	1.893	**	**	**
01031	CHROMIUM, SUSPENDED (UG/L AS Cr)	12/20/77-09/19/78	4 ##	5.	5.125	6.	4.5	0.396	0.629	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/20/77-09/19/78	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01035	COBALT, DISSOLVED (UG/L AS Co)	12/20/77-09/19/78	4 ##	0.	0.75	3.	0.	2.25	1.5	**	**	**
01036	COBALT, SUSPENDED (UG/L AS Co)	12/20/77-09/19/78	4	0.5	0.5	1.	0.	0.333	0.577	**	**	**
01037	COBALT, TOTAL (UG/L AS Co)	12/20/77-09/19/78	4 ##	1.	1.	2.	0.	0.667	0.816	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	12/20/77-09/19/78	4	3.	3.	5.	1.	3.333	1.826	**	**	**
01041	COPPER, SUSPENDED (UG/L AS Cu)	12/20/77-09/19/78	4	1.	2.75	9.	0.	18.25	4.272	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/20/77-09/19/78	4	3.5	5.75	14.	2.	30.917	5.56	**	**	**
01044	IRON, SUSPENDED (UG/L AS Fe)	06/23/78-09/19/78	2	340.	340.	450.	230.	24200.	155.563	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	05/12/54-09/19/78	21	20.	240.476	2600.	0.	359124.762	599.27	0.	10.	165.
01046	IRON, DISSOLVED (UG/L AS Fe)	10/28/59-03/10/97	47	39.	73.203	320.	0.	8152.211	90.29	0.01	0.02	130.
01049	LEAD, DISSOLVED (UG/L AS Pb)	12/20/77-09/19/78	4	7.5	19.5	58.	5.	660.333	25.697	**	**	**
01050	LEAD, SUSPENDED (UG/L AS Pb)	12/20/77-09/19/78	4	5.	6.5	16.	0.	51.667	7.188	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/20/77-09/19/78	4	18.	24.75	53.	10.	374.917	19.363	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS Mn)	12/20/77-09/19/78	4	15.	27.5	70.	10.	825.	28.723	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	12/20/77-09/19/78	4	35.	47.5	90.	30.	825.	28.723	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	12/20/77-03/10/97	23	9.	13.435	64.	5.	155.984	12.489	5.4	8.	15.
01075	SILVER, DISSOLVED (UG/L AS Ag)	12/20/77-09/19/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**
01076	SILVER, SUSPENDED (UG/L AS Ag)	12/20/77-09/19/78	4	0.5	0.5	1.	0.	0.333	0.577	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	12/20/77-09/19/78	4 ##	0.5	0.5	1.	0.	0.333	0.577	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	12/20/77-09/19/78	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
01091	ZINC, SUSPENDED (UG/L AS Zn)	12/20/77-09/19/78	4	10.	10.	10.	10.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/20/77-09/19/78	4	20.	20.	20.	20.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	12/20/77-09/19/78	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01146	SELENIUM, SUSPENDED (UG/L AS Se)	12/20/77-09/19/78	4	0.	0.	0.	0.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	12/20/77-09/19/78	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	3	0.023	0.031	0.053	0.016	0.	0.02	**	**	**
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/09/71-07/23/73	21	370.	666.667	2700.	80.	549963.333	741.595	104.	185.	900.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/09/71-07/23/73	21	2.568	2.618	3.431	1.903	0.184	0.429	2.016	2.266	2.952
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			414.863							
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	10/27/77-09/04/96	21	110.	387.857	1900.	9.	337013.929	580.529	15.8	49.	432.5
31625	LOG FECAL COLIFORM, MF, M-FC, 0.7 UM	10/27/77-09/04/96	21	2.041	2.144	3.279	0.954	0.446	0.667	1.197	1.688	2.627
31625	GM FECAL COLIFORM, MF, M-FC, 0.7 UM	GEOMETRIC MEAN =			139.223							
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	10/27/77-09/04/96	20	77.	541.75	7780.	15.	3007259.461	1734.145	20.	24.75	180.

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# Parameter Inventory for Station: COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673 LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/27/77-09/04/96	20	1.878	1.95	3.891	1.176	0.448	0.67	1.301	1.391	2.253	3.1
31673 GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			89.149								
34253 A-BHC-ALPHA DISSUG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	02/07/96-09/04/96	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
38933 CHLORPYRIFOS,DISSOLVED UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39086 ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/23/95-03/10/97	20	20.	20.	36.	13.	22.105	4.702	14.1	18.	21.75	23.8
39341 GAMMA-BHC(LINDANE),DISSOLVED,UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39415 METOLACHLOR, WATER, DISSOLVED UG/L	02/07/96-09/04/96	2	0.007	0.007	0.01	0.004	0.	0.004	**	**	**	**
39532 MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39572 DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	02/07/96-09/04/96	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39632 ATRAZINE DISSOLVED IN WATER PPB	02/07/96-09/04/96	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
46342 ALACHLOR (LASSO), WATER, DISSOLVED UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
49260 INVALID PARAMETER	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
60050 ALGAE, TOTAL (CELLS/ML)	03/17/78-08/15/78	4	1700.	1475.	2500.	0.	1349166.667	1161.536	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	71	52.	58.423	371.	38.	1465.019	38.276	47.	49.	60.	64.
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/27/77-09/19/78	10	44.5	45.4	55.	37.	34.044	5.835	37.1	41.	50.	54.8
70302 SOLIDS, DISSOLVED-TONS PER DAY	10/28/59-09/19/78	33	1440.	1628.061	5210.	228.	1222198.559	1105.531	636.2	862.	2100.	3650.
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/59-09/19/78	34	0.07	0.084	0.5	0.05	0.005	0.074	0.06	0.068	0.08	0.08
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/27/77-03/10/97	31	90.	81.032	100.	14.	630.166	25.103	26.4	74.	100.	100.
70957 CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	09/19/78-09/19/78	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
70958 CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	09/19/78-09/19/78	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	05/12/54-09/15/59	17	0.9	1.029	3.6	0.2	0.547	0.74	0.36	0.65	1.15	1.92
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/28/59-09/09/65	23	0.4	0.557	1.7	0.	0.185	0.43	0.14	0.3	1.	1.2
71887 NITROGEN, TOTAL, AS NO3 - MG/L	02/17/78-09/19/78	7	3.	3.243	4.4	2.7	0.373	0.611	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	12/20/77-09/19/78	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895 MERCURY, SUSPENDEd (UG/L AS HG)	12/20/77-09/19/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/20/77-09/19/78	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/27/77-03/10/97	31	15.	53.613	401.	5.	8111.378	90.063	6.	8.	51.	225.6
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/27/77-09/19/78	11	457.	3649.	32600.	42.	93386975.6	9663.694	51.2	90.	917.	26864.
82630 METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82660 DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82661 TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82663 ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82664 PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82665 TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82666 LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82667 METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	02/07/96-09/04/96	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82668 EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82669 PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82670 TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671 MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82672 ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82673 BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82674 CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82675 TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676 PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.003	0.006	0.002	0.	0.003	**	**	**	**
82677 DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82678 TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82679 PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82680 CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82681 THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82682 DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82683 PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82684 NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82685 PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82686 METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82687 PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	02/07/96-09/04/96	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# EPA Water Quality Criteria Analysis for Station: COSW0168

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	3	0.50	1	1	1.00	4	2	0.50	1	0	0.00		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00				2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	0	0.00	20	0	0.00	24	0	0.00	12	0	0.00		
00400	PH	Other-Hi Lim.	9.	96	0	0.00	32	0	0.00	39	0	0.00	25	0	0.00		
		Other-Lo Lim.	6.5	96	19	0.20	32	8	0.25	39	6	0.15	25	5	0.20		
00403	PH, LAB	Other-Hi Lim.	9.	20	0	0.00	6	0	0.00	11	0	0.00	3	0	0.00		
		Other-Lo Lim.	6.5	20	0	0.00	6	0	0.00	11	0	0.00	3	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	20	0	0.00	6	0	0.00	11	0	0.00	3	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	20	0	0.00	6	0	0.00	11	0	0.00	3	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	71	0	0.00	22	0	0.00	30	0	0.00	19	0	0.00		
		Drinking Water	250.	71	0	0.00	22	0	0.00	30	0	0.00	19	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	71	0	0.00	22	0	0.00	30	0	0.00	19	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	71	0	0.00	22	0	0.00	30	0	0.00	19	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00		
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01006	BARIUM, SUSPENDED	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01041	COPPER, SUSPENDED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	4	1	0.25	1	0	0.00	2	1	0.50	1	0	0.00		
01050	LEAD, SUSPENDED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	4	1	0.25	1	0	0.00	2	0	0.00	1	1	1.00		
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	4	3	0.75	1	1	1.00	2	1	0.50	1	1	1.00		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01076	SILVER, SUSPENDED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01091	ZINC, SUSPENDED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0168

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01146	SELENIUM, SUSPENDED																
	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL																
	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER																
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																
	Other-Hi Lim.	200.	21	16	0.76	9	6	0.67	6	5	0.83	6	5	0.83			
31625	FECAL COLIFORM, MF																
	Other-Hi Lim.	200.	21	8	0.38	8	3	0.38	8	3	0.38	5	2	0.40			
34653	P,P'-DDE, DISSOLVED																
	Fresh Acute	1050.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED																
	Fresh Acute	0.083	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED																
	Fresh Acute	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	0.2	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE																
	Fresh Acute	2.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE																
	Fresh Acute	0.065	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER																
	Drinking Water	3.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED																
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)																
	Drinking Water	44.	17	0	0.00	4	0	0.00	6	0	0.00	7	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	23	0	0.00	8	0	0.00	9	0	0.00	6	0	0.00			
71890	MERCURY, DISSOLVED																
	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
71895	MERCURY, SUSPENDED																
	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Annual Analysis for 1954 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	1	53.	53.	53.	53.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1956 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	2	74.5	74.5	77.	72.	12.5	3.536	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	2	6.8	6.8	7.	6.6	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	2	6.755	6.755	7.	6.6	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	2	0.176	0.176	0.251	0.1	0.011	0.107	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	2	16.	16.	16.	16.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	2	4.6	4.6	5.	4.2	0.32	0.566	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	2	1.2	1.2	1.5	0.9	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	2	6.95	6.95	7.5	6.4	0.605	0.778	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	2	1.55	1.55	1.6	1.5	0.005	0.071	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	2	51.	51.	51.	51.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1957 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1957 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	1	64.	64.	64.	64.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1958 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	4	71.	74.25	85.	70.	52.25	7.228	**	**	**	**
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	4	6.55	6.55	6.9	6.2	0.097	0.311	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	4	6.525	6.47	6.9	6.2	0.105	0.324	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	4	0.299	0.339	0.631	0.126	0.051	0.226	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	4	18.	18.	21.	15.	6.	2.449	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	4	3.85	4.025	4.8	3.6	0.296	0.544	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	4	2.05	1.95	2.2	1.5	0.11	0.332	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	4	8.05	7.9	9.3	6.2	1.913	1.383	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	4	1.55	1.55	1.6	1.5	0.003	0.058	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	4	5.	5.	6.	4.	1.333	1.155	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	4	3.	3.5	6.	2.	3.	1.732	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	4	11.	11.475	15.	8.9	6.503	2.55	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	4	54.5	54.5	58.	51.	12.333	3.512	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1959 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	3	13.	12.333	16.	8.	16.333	4.041	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	12	69.	68.417	76.	57.	41.72	6.459	58.5	63.	75.	76.
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	12	6.8	6.75	7.4	6.2	0.094	0.306	6.26	6.6	6.9	7.28
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	12	6.8	6.656	7.4	6.2	0.103	0.321	6.26	6.6	6.9	7.28
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	12	0.158	0.221	0.631	0.04	0.025	0.159	0.058	0.126	0.251	0.561
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	12	15.	15.5	18.	13.	2.818	1.679	13.3	14.	17.	18.
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	12	3.7	3.925	5.1	3.4	0.28	0.529	3.43	3.5	4.25	4.95
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	12	1.4	1.383	2.2	0.7	0.165	0.406	0.79	1.05	1.675	2.08
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	12	6.8	6.808	8.6	5.2	0.85	0.922	5.41	6.15	7.4	8.39
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	12	1.6	1.558	2.	0.8	0.119	0.345	0.92	1.325	1.875	1.97
00940 CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	12	5.	4.5	5.	3.	0.455	0.674	3.3	4.	5.	5.
00945 SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	12	3.5	3.417	7.	1.	2.811	1.676	1.	2.25	4.	6.4
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	12	0.2	0.225	0.5	0.	0.017	0.129	0.03	0.2	0.275	0.47
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	12	10.5	10.742	13.	7.2	2.666	1.633	7.95	10.	12.	13.
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	12	51.5	50.917	58.	42.	22.992	4.795	42.9	47.25	55.5	57.4

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1960 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	9	15.5	14.167	22.	5.5	42.875	6.548	5.5	7.5	21.25	22.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	9	63.	63.	69.	52.	28.5	5.339	52.	60.	67.5	69.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1960 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	9	6.8	6.778	7.2	6.4	0.067	0.259	6.4	6.55	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	9	6.8	6.712	7.2	6.4	0.072	0.268	6.4	6.55	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	9	0.158	0.194	0.398	0.063	0.012	0.11	0.063	0.1	0.284	0.398
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	9	16.	15.444	17.	13.	2.278	1.509	13.	14.	17.	17.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	9	3.6	3.633	4.4	2.9	0.255	0.505	2.9	3.2	4.	4.4
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	9	1.6	1.544	1.7	1.1	0.038	0.194	1.1	1.45	1.7	1.7
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	9	6.3	6.144	7.4	3.9	1.365	1.168	3.9	5.35	7.3	7.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	9	1.7	1.656	1.9	1.3	0.033	0.181	1.3	1.55	1.8	1.9
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	9	4.	4.222	6.	3.	1.194	1.093	3.	3.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	9	3.	3.778	8.	2.	3.944	1.986	2.	2.5	5.	8.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	9	0.2	0.2	0.4	0.	0.02	0.141	0.	0.1	0.35	0.4
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	9	13.	11.844	14.	9.2	3.798	1.949	9.2	9.7	13.5	14.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	9	50.	50.444	61.	42.	26.778	5.175	42.	47.5	52.5	61.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1964 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	2	12.25	12.25	14.	10.5	6.125	2.475	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	2	62.5	62.5	70.	55.	112.5	10.607	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	2	6.7	6.7	7.1	6.3	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	2	6.537	6.537	7.1	6.3	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	2	0.29	0.29	0.501	0.079	0.089	0.298	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	2	14.	14.	16.	12.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	2	3.65	3.65	4.	3.3	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	2	5.95	5.95	6.3	5.6	0.245	0.495	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	2	1.65	1.65	1.7	1.6	0.005	0.071	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	2	9.55	9.55	11.	8.1	4.205	2.051	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	2	47.	47.	56.	38.	162.	12.728	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1965 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	9	14.	14.167	20.	6.	27.125	5.208	6.	9.	19.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	9	56.	58.667	72.	52.	37.5	6.124	52.	54.5	62.	72.
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	9	6.3	6.378	6.9	6.	0.087	0.295	6.	6.15	6.65	6.9
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	9	6.3	6.301	6.9	6.	0.094	0.306	6.	6.15	6.65	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	9	0.501	0.501	1.	0.126	0.081	0.284	0.126	0.225	0.713	1.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	9	14.	14.222	18.	12.	4.194	2.048	12.	12.	15.5	18.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	9	3.5	3.656	4.7	3.2	0.248	0.498	3.2	3.25	3.95	4.7
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	9	1.4	1.278	1.5	0.8	0.059	0.244	0.8	1.1	1.5	1.5
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	9	5.6	5.656	6.9	5.	0.298	0.546	5.	5.3	5.85	6.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	9	1.6	1.633	1.9	1.5	0.017	0.132	1.5	1.55	1.7	1.9
00940	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	9	5.	4.556	6.	3.	0.778	0.882	3.	4.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	9	4.	3.444	5.	1.	1.278	1.13	1.	3.	4.	5.

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### Annual Analysis for 1965 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	9	0.1	0.122	0.2	0.	0.007	0.083	0.	0.05	0.2	0.2
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	9	8.2	9.056	12.	7.8	2.42	1.556	7.8	7.95	10.5	12.
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	9	49.	51.	61.	44.	32.75	5.723	44.	47.	56.5	61.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	6	19.25	18.917	26.	9.5	41.342	6.43	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	6	74.	77.5	100.	70.	125.1	11.185	**	**	**	**
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	6	7.2	7.167	7.5	6.8	0.079	0.28	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	6	7.189	7.092	7.5	6.8	0.085	0.292	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	6	0.065	0.081	0.158	0.032	0.003	0.051	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	12	20.	17.792	25.	8.5	29.066	5.391	9.25	13.	22.	24.25
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	12	74.5	75.75	100.	58.	137.295	11.717	59.2	68.5	83.75	97.
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	12	7.25	7.208	8.	6.4	0.172	0.414	6.52	6.875	7.475	7.85
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	12	7.247	7.022	8.	6.4	0.21	0.458	6.52	6.875	7.475	7.85
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	12	0.057	0.095	0.398	0.01	0.011	0.107	0.016	0.034	0.139	0.326

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	7	19.	17.929	30.	8.	67.036	8.188	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	7	64.	64.429	75.	55.	42.952	6.554	**	**	**	**
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	7	7.2	7.114	7.6	6.5	0.155	0.393	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	7	7.2	6.959	7.6	6.5	0.183	0.427	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	7	0.063	0.11	0.316	0.025	0.011	0.104	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	2	13.	13.	16.5	9.5	24.5	4.95	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	2	71.	71.	75.	67.	32.	5.657	**	**	**	**
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	2	7.2	7.2	7.4	7.	0.08	0.283	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	2	7.155	7.155	7.4	7.	0.084	0.29	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	2	0.07	0.07	0.1	0.04	0.002	0.043	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	2	3.6	3.6	3.9	3.3	0.18	0.424	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/12/54-03/10/97	2	1.3	1.3	1.7	0.9	0.32	0.566	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1977 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	2	8.2	8.2	8.6	7.8	0.32	0.566	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	2	1.8	1.8	2.	1.6	0.08	0.283	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	2	11.75	11.75	14.	9.5	10.125	3.182	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/54-03/10/97	2	58.5	58.5	64.	53.	60.5	7.778	**	**	**	**

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### Annual Analysis for 1978 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	9	16.5	17.356	25.	5.5	60.625	7.786	5.5	9.75	24.5	25.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	9	66.	65.111	80.	46.	113.111	10.635	46.	57.	73.5	80.
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	9	7.	7.067	7.5	6.7	0.065	0.255	6.7	6.85	7.25	7.5
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	9	7.	7.004	7.5	6.7	0.069	0.263	6.7	6.85	7.25	7.5
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	9	0.1	0.099	0.2	0.032	0.003	0.055	0.032	0.057	0.142	0.2
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	9	14.	14.667	18.	13.	3.25	1.803	13.	13.	16.	18.
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	9	0.	0.444	2.	0.	0.528	0.726	0.	0.	1.	2.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	9	3.2	3.267	4.4	2.4	0.363	0.602	2.4	2.9	3.65	4.4
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	9	1.5	1.567	1.8	1.4	0.02	0.141	1.4	1.45	1.7	1.8
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	9	7.	6.644	8.1	4.8	1.008	1.004	4.8	5.9	7.3	8.1
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	9	1.9	1.778	2.1	1.3	0.072	0.268	1.3	1.55	2.	2.1
00940 CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	9	5.	4.889	6.	3.	1.111	1.054	3.	4.	6.	6.
00945 SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	9	6.	6.	7.	5.	0.5	0.707	5.	5.5	6.5	7.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	9	11.	10.589	14.	7.6	3.316	1.821	7.6	9.35	11.5	14.
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/54-03/10/97	9	58.	90.667	371.	48.	11079.25	105.258	48.	49.5	61.	371.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	3	13.2	13.867	18.3	10.1	17.143	4.14	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	3	84.	80.667	85.	73.	44.333	6.658	**	**	**	**
00400 PH (STANDARD UNITS)	05/12/54-03/10/97	3	7.16	7.153	7.3	7.	0.023	0.15	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	3	7.16	7.136	7.3	7.	0.023	0.152	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	3	0.069	0.073	0.1	0.05	0.001	0.025	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	3	4.3	4.233	4.4	4.	0.043	0.208	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	3	1.7	1.733	1.8	1.7	0.003	0.058	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	3	8.3	8.4	9.3	7.6	0.73	0.854	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	3	2.2	2.267	2.4	2.2	0.013	0.115	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	3	7.	6.667	7.	6.	0.333	0.577	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	3	0.2	0.15	0.2	0.05	0.008	0.087	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	3	13.	13.	14.	12.	1.	1.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/54-03/10/97	3	52.	53.667	61.	48.	44.333	6.658	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	13	16.5	15.231	26.	5.9	41.527	6.444	5.98	10.25	19.5	25.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	13	80.	77.385	101.	39.	262.756	16.21	47.4	66.5	89.	97.4
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	13	7.1	6.992	7.7	5.5	0.274	0.524	5.94	6.85	7.2	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	13	7.1	6.484	7.7	5.5	0.554	0.745	5.94	6.85	7.2	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	13	0.079	0.328	3.162	0.02	0.729	0.854	0.028	0.063	0.142	1.998
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/54-03/10/97	13	3.9	3.769	4.4	3.	0.146	0.382	3.16	3.5	4.05	4.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	13	1.7	1.662	1.8	1.5	0.011	0.104	1.5	1.55	1.7	1.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	13	7.9	7.8	10.	5.1	2.58	1.606	5.3	6.4	9.05	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	13	2.	2.054	2.4	1.8	0.044	0.211	1.8	1.9	2.25	2.4
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	13	7.	6.769	9.	5.	1.526	1.235	5.	5.5	7.5	8.6
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	13	5.	5.462	7.	4.	1.269	1.127	4.	4.5	6.5	7.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	13 ##	0.05	0.081	0.2	0.05	0.002	0.043	0.05	0.05	0.1	0.16
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	13	12.	11.285	13.	9.7	1.136	1.066	9.82	10.	12.	12.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	13	60.	59.308	78.	45.	83.231	9.123	47.4	52.	65.5	74.4

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1997 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	4	11.5	11.5	14.	9.	4.833	2.198	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	4	79.	73.	83.	51.	219.333	14.81	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/54-03/10/97	4	7.1	6.925	7.2	6.3	0.176	0.419	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	4	7.1	6.743	7.2	6.3	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	4	0.079	0.181	0.501	0.063	0.046	0.214	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/54-03/10/97	4	3.9	3.9	4.3	3.5	0.133	0.365	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	4	1.7	1.625	1.7	1.4	0.023	0.15	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/54-03/10/97	4	7.95	7.125	8.1	4.5	3.069	1.752	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	4	1.9	1.488	2.1	0.05	0.934	0.966	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/54-03/10/97	4	6.	5.75	7.	4.	1.583	1.258	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	4	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	4 ##	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/54-03/10/97	4	11.5	11.4	13.	9.6	2.107	1.451	**	**	**	**
70300	RESIDUE.TOTAL FILTRABLE (DRIED AT 180C).MG/L	05/12/54-03/10/97	4	57.	57.	65.	49.	53.333	7.303	**	**	**	**

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### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	28	19.5	20.511	30.	13.	19.17	4.378	14.9	16.5	24.875	26.
00060	FLOW, STREAM, MEAN DAILY CFS	05/17/57-09/21/72	18	7035.	7922.222	16300.	2830.	13284124.183	3644.739	3370.	4475.	11050.	12430.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/56-09/04/96	11	5600.	8231.091	30150.	2230.	68110347.691	8252.899	2442.	4220.	6330.	27548.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/54-09/09/65	12	15.	16.25	35.	5.	86.932	9.324	5.	10.	20.	33.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	32	72.	75.063	101.	56.	125.738	11.213	61.3	68.25	83.75	92.
00300p	OXYGEN, DISSOLVED MG/L	07/09/71-03/10/97	20	8.15	8.145	10.3	5.8	1.11	1.054	6.27	7.8	8.775	9.56
00400p	PH (STANDARD UNITS)	05/12/54-03/10/97	32	6.9	6.872	8.	5.5	0.258	0.508	6.16	6.525	7.2	7.4
00400p	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	32	6.9	6.533	8.	5.5	0.376	0.614	6.16	6.525	7.2	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	32	0.126	0.293	3.162	0.01	0.324	0.569	0.04	0.063	0.3	0.706
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/59-09/19/78	12	21.	20.333	25.	14.	10.788	3.284	14.6	17.5	23.	24.4
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/54-04/28/78	13	26.	25.846	30.	19.	9.641	3.105	19.8	24.5	28.	29.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/27/77-03/10/97	9 ##	0.1	0.213	0.64	0.1	0.033	0.181	0.1	0.1	0.29	0.64
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/78-03/10/97	9	0.2	0.292	0.69	0.1	0.035	0.188	0.1	0.15	0.39	0.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/77-03/10/97	10	0.04	0.088	0.38	0.02	0.014	0.119	0.02	0.02	0.1	0.364
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/77-03/10/97	9	0.02	0.02	0.04	0.005	0.	0.012	0.005	0.008	0.03	0.04
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-03/10/97	7	3.1	3.1	4.1	2.3	0.39	0.624	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-03/10/97	7	0.3	0.443	1.3	0.2	0.146	0.382	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	16	15.5	15.75	18.	12.	3.267	1.807	13.4	14.25	17.75	18.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	22	3.6	3.777	5.1	3.2	0.261	0.511	3.2	3.375	4.05	4.58
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	22	1.6	1.573	2.2	0.9	0.104	0.322	1.03	1.4	1.725	2.08
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	22	7.15	7.4	10.	5.	1.913	1.383	5.69	6.3	8.375	9.85
00931	SODIUM ADSORPTION RATIO	10/28/59-09/19/78	12	0.7	0.75	1.1	0.6	0.019	0.138	0.6	0.7	0.8	1.04
00932	SODIUM, PERCENT	10/28/59-09/19/78	12	44.	45.417	57.	41.	21.356	4.621	41.	42.25	46.75	55.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	22	1.8	1.832	2.4	1.5	0.081	0.285	1.5	1.6	2.	2.34
00940p	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	22	5.	5.409	9.	3.	2.634	1.623	3.3	4.	6.25	8.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	22	5.5	5.	8.	1.	3.714	1.927	2.3	3.	7.	7.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	22	0.1	0.175	0.4	0.	0.014	0.117	0.065	0.1	0.225	0.4
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	22	11.	10.882	14.	8.2	2.523	1.588	8.8	9.925	12.	13.7
01046p	IRON, DISSOLVED (UG/L AS FE)	10/28/59-03/10/97	15	0.05	52.012	250.	0.	5146.663	71.74	0.006	0.01	94.	172.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/20/77-03/10/97	6	11.	19.5	64.	5.	507.1	22.519	**	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/12/54-03/10/97	22	55.	70.455	371.	50.	4536.736	67.355	50.3	51.75	62.5	67.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/28/59-09/19/78	11	1240.	1579.	5210.	627.	1705959.4	1306.124	632.4	752.	1660.	4614.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/59-09/19/78	12	0.08	0.112	0.5	0.07	0.015	0.122	0.07	0.07	0.08	0.377
70331	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .062MM	10/27/77-03/10/97	10	94.	82.7	100.	14.	741.344	27.228	18.9	71.25	100.	100.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/27/77-03/10/97	10	10.	55.	401.	6.	15076.	122.784	6.1	7.	35.75	367.1

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	33	9.5	9.812	15.	5.5	7.527	2.743	5.94	8.	12.5	13.68
00060	FLOW, STREAM, MEAN DAILY CFS	05/17/57-09/21/72	19	11000.	12867.895	32400.	2940.	68676495.322	8287.128	3680.	6500.	17900.	27900.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/56-09/04/96	15	12900.	15987.667	53640.	4150.	155006917.952	12450.177	4492.	8257.	18900.	38556.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/54-09/09/65	15	12.	13.667	30.	5.	41.381	6.433	6.2	10.	18.	24.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	39	68.	67.641	100.	39.	152.236	12.338	52.	60.	76.	83.
00300p	OXYGEN, DISSOLVED MG/L	07/09/71-03/10/97	24	10.65	10.533	12.5	6.9	1.724	1.313	8.35	10.	11.275	12.35
00400p	PH (STANDARD UNITS)	05/12/54-03/10/97	39	7.	6.919	7.6	6.2	0.136	0.369	6.3	6.6	7.2	7.4
00400p	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	39	7.	6.761	7.6	6.2	0.162	0.402	6.3	6.6	7.2	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	39	0.1	0.173	0.631	0.025	0.027	0.165	0.04	0.063	0.251	0.501
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/59-09/19/78	13	17.	18.692	26.	11.	17.231	4.151	12.6	16.	22.	24.8
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/54-04/28/78	19	25.	24.053	35.	14.	28.053	5.296	18.	20.	28.	32.
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/27/77-03/10/97	15 ##	0.1	0.221	0.58	0.1	0.032	0.178	0.1	0.1	0.4	0.544
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/78-03/10/97	13	0.2	0.281	1.	0.1	0.061	0.248	0.1	0.1	0.345	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/77-03/10/97	15	0.04	0.074	0.35	0.005	0.008	0.087	0.014	0.03	0.1	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/77-03/10/97	15	0.02	0.014	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.024

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-03/10/97	13	3.2	3.708	6.	1.6	1.881	1.371	2.04	2.95	4.8	6.
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-03/10/97	13	0.3	0.962	4.8	0.2	1.724	1.313	0.2	0.3	1.15	3.84
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	19	15.	15.105	21.	12.	5.211	2.283	12.	14.	17.	17.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	19	0.	0.263	2.	0.	0.427	0.653	0.	0.	0.	2.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	30	3.85	3.823	5.	2.9	0.28	0.53	3.01	3.475	4.125	4.58
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	30	1.5	1.467	2.2	0.7	0.111	0.333	0.91	1.2	1.7	1.79
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	30	6.7	6.667	9.3	3.9	2.049	1.432	4.82	5.6	7.8	8.64
00931	SODIUM ADSORPTION RATIO	10/28/59-09/19/78	13	0.7	0.692	0.9	0.4	0.017	0.132	0.48	0.6	0.8	0.86
00932	SODIUM, PERCENT	10/28/59-09/19/78	13	45.	43.692	50.	31.	23.897	4.889	34.2	41.5	46.5	49.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	30	1.7	1.695	2.4	0.05	0.184	0.429	1.3	1.5	2.	2.19
00940p	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	30	5.	5.133	7.	3.	1.085	1.042	4.	4.	6.	7.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	30	4.	4.333	7.	1.	2.23	1.493	3.	3.	6.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	30	0.1	0.14	0.5	0.	0.015	0.123	0.005	0.05	0.2	0.29
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	30	11.	10.963	15.	7.2	3.848	1.962	8.1	9.675	12.25	13.9
01046p	IRON, DISSOLVED (UG/L AS FE)	10/28/59-03/10/97	22	75.5	92.283	320.	0.01	9141.513	95.611	0.01	0.028	172.5	214.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/20/77-03/10/97	13	9.	10.308	20.	5.	18.231	4.27	5.4	7.5	13.	18.4
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	30	52.	53.	78.	38.	61.586	7.848	45.	47.75	58.	61.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/28/59-09/19/78	13	1440.	1911.385	3690.	650.	1331338.256	1153.836	745.2	1065.	3265.	3682.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/59-09/19/78	13	0.07	0.068	0.08	0.05	0.	0.009	0.054	0.06	0.075	0.08
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/27/77-03/10/97	15	81.	77.8	100.	22.	623.886	24.978	23.2	74.	100.	100.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/27/77-03/10/97	15	16.	58.067	248.	5.	6999.638	83.664	5.	12.	51.	248.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/59-03/10/97	18	19.5	18.817	24.5	11.	13.587	3.686	13.7	16.15	21.5	24.05
00060	FLOW, STREAM, MEAN DAILY CFS	05/17/57-09/21/72	14	10750.	9875.	17400.	3430.	21984950.	4688.811	3715.	4977.5	13225.	16500.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/56-09/04/96	10	7443.	6952.4	10600.	1724.	7490623.822	2736.9	1849.4	5556.5	8785.	10429.
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/54-09/09/65	13	10.	13.154	25.	5.	40.641	6.375	5.4	8.	20.	23.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/54-03/10/97	25	65.	67.68	84.	55.	76.31	8.736	56.6	59.5	75.	79.
00300p	OXYGEN, DISSOLVED MG/L	07/09/71-03/10/97	12	8.65	8.633	11.4	6.4	1.761	1.327	6.64	7.475	9.325	10.95
00400p	PH (STANDARD UNITS)	05/12/54-03/10/97	25	6.9	6.912	7.7	6.2	0.177	0.421	6.26	6.65	7.25	7.5
00400p	CONVERTED PH (STANDARD UNITS)	05/12/54-03/10/97	25	6.9	6.726	7.7	6.2	0.213	0.462	6.26	6.65	7.25	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/54-03/10/97	25	0.126	0.188	0.631	0.02	0.033	0.182	0.032	0.057	0.225	0.553
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/28/59-09/19/78	9	19.	18.667	22.	12.	9.	3.	12.	17.5	21.	22.
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/54-04/28/78	14	25.	25.071	31.	20.	8.379	2.895	21.	22.75	27.25	29.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/27/77-03/10/97	6	0.215	0.213	0.41	0.1	0.013	0.114	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/17/78-03/10/97	5	0.3	0.27	0.4	0.1	0.015	0.12	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/77-03/10/97	6	0.05	0.047	0.08	0.01	0.001	0.024	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/77-03/10/97	6	0.01	0.015	0.03	0.005	0.	0.012	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/77-03/10/97	4	2.55	3.375	6.4	2.	4.176	2.043	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	12/20/77-03/10/97	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/12/54-09/19/78	16	15.	15.125	18.	12.	3.983	1.996	12.7	13.	16.75	18.
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/12/54-09/19/78	16	0.	0.063	1.	0.	0.063	0.25	0.	0.	0.	0.3
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/12/54-03/10/97	19	3.5	3.642	4.4	2.4	0.289	0.538	2.8	3.4	4.1	4.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/54-03/10/97	19	1.6	1.558	1.9	1.	0.057	0.239	1.1	1.4	1.7	1.9
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/12/54-03/10/97	19	7.	6.795	8.6	5.2	1.126	1.061	5.3	5.8	7.5	8.4
00931	SODIUM ADSORPTION RATIO	10/28/59-09/19/78	9	0.7	0.711	0.9	0.6	0.009	0.093	0.6	0.65	0.75	0.9
00932	SODIUM, PERCENT	10/28/59-09/19/78	9	44.	44.333	51.	41.	10.25	3.202	41.	41.5	46.	51.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/54-03/10/97	19	1.6	1.674	2.1	0.8	0.094	0.307	1.3	1.6	1.9	2.1
00940p	CHLORIDE, TOTAL IN WATER MG/L	05/12/54-03/10/97	19	5.	4.895	7.	3.	1.766	1.329	3.	4.	6.	7.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/12/54-03/10/97	19	4.	4.211	7.	2.	2.398	1.548	2.	3.	6.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/54-03/10/97	19	0.2	0.203	0.9	0.05	0.039	0.197	0.05	0.1	0.2	0.4
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	05/12/54-03/10/97	19	12.	10.989	14.	7.6	4.121	2.03	7.8	8.9	12.	13.
01046p	IRON, DISSOLVED (UG/L AS FE)	10/28/59-03/10/97	10	0.04	63.013	300.	0.	10577.069	102.845	0.	0.015	132.5	287.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

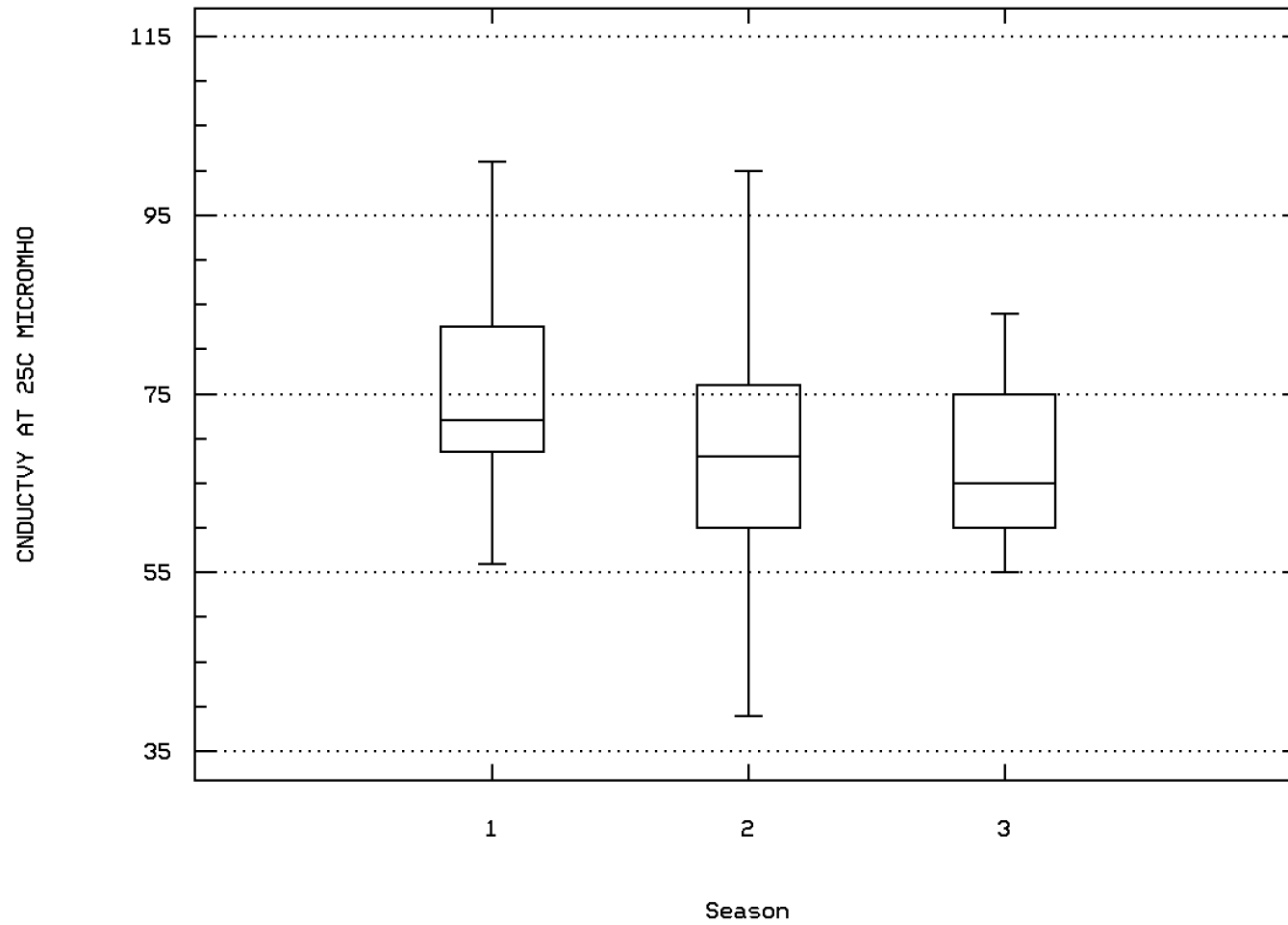
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056 MANGANESE, DISSOLVED (UG/L AS MN)	12/20/77-03/10/97	4	10.	14.5	30.	8.	108.333	10.408	**	**	**	**
70300p RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/54-03/10/97	19	51.	53.053	66.	42.	48.83	6.988	44.	48.	60.	64.
70302 SOLIDS, DISSOLVED-TONS PER DAY	10/28/59-09/19/78	9	1490.	1278.778	2160.	228.	488336.944	698.811	228.	580.5	1935.	2160.
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/59-09/19/78	9	0.07	0.07	0.08	0.06	0.	0.009	0.06	0.06	0.08	0.08
70331 SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/27/77-03/10/97	6	96.5	86.333	100.	36.	629.067	25.081	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/27/77-03/10/97	6	26.5	40.167	114.	6.	1652.167	40.647	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0168 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

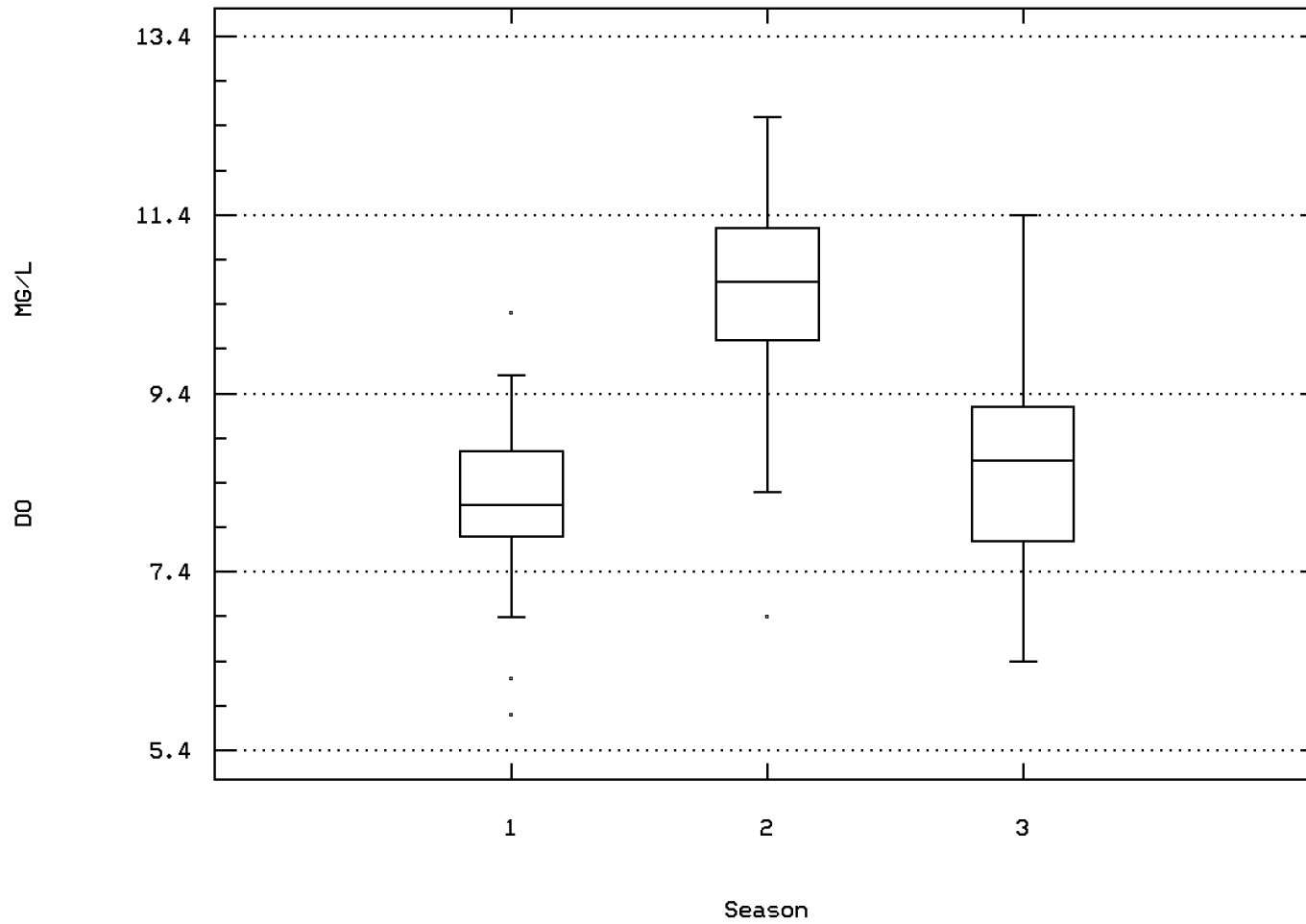


CONGAREE RIVER AT COLUMBIA, SC



Station: COSW0168 Parameter Code: 00300

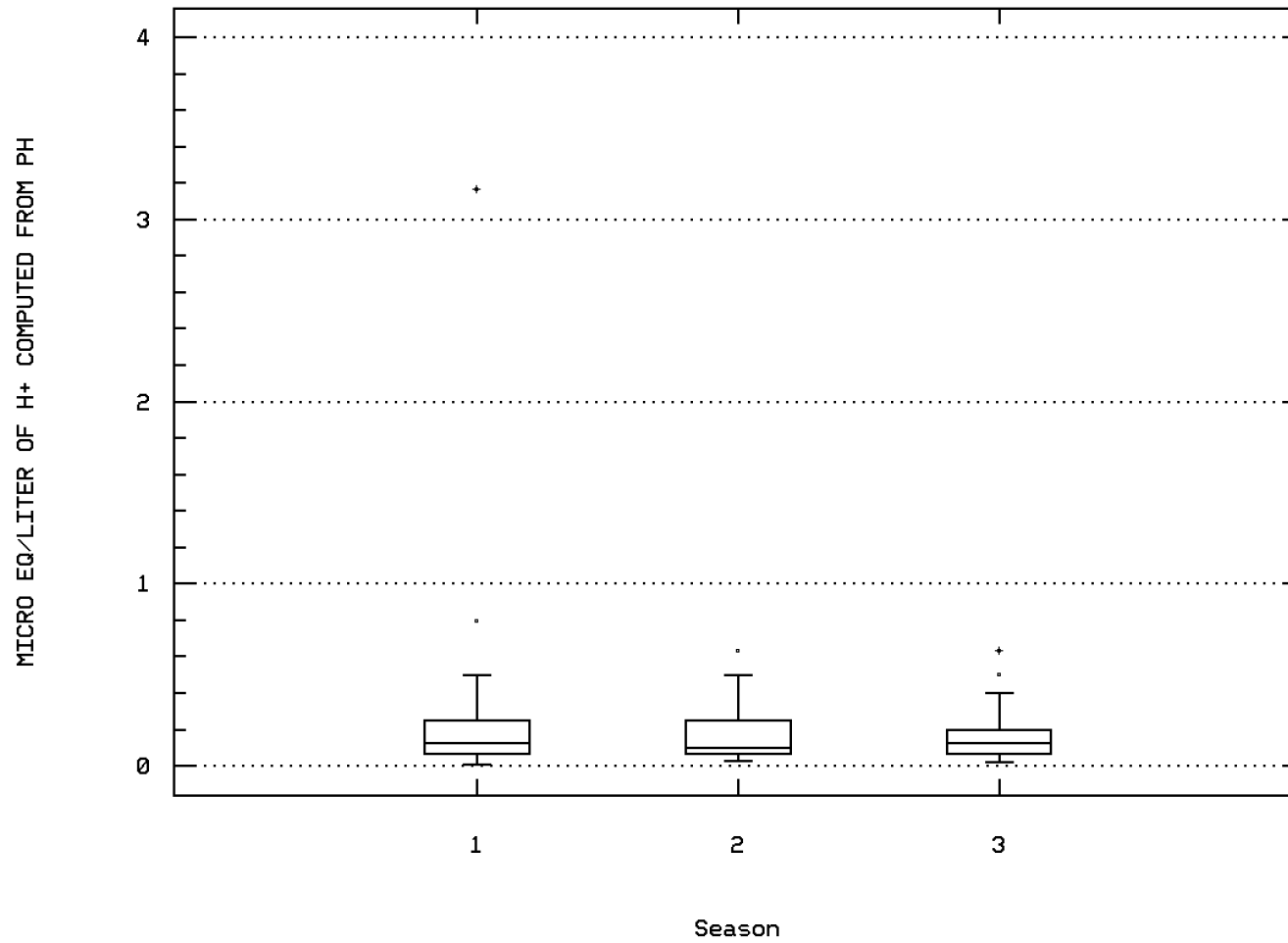
OXYGEN, DISSOLVED



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00400

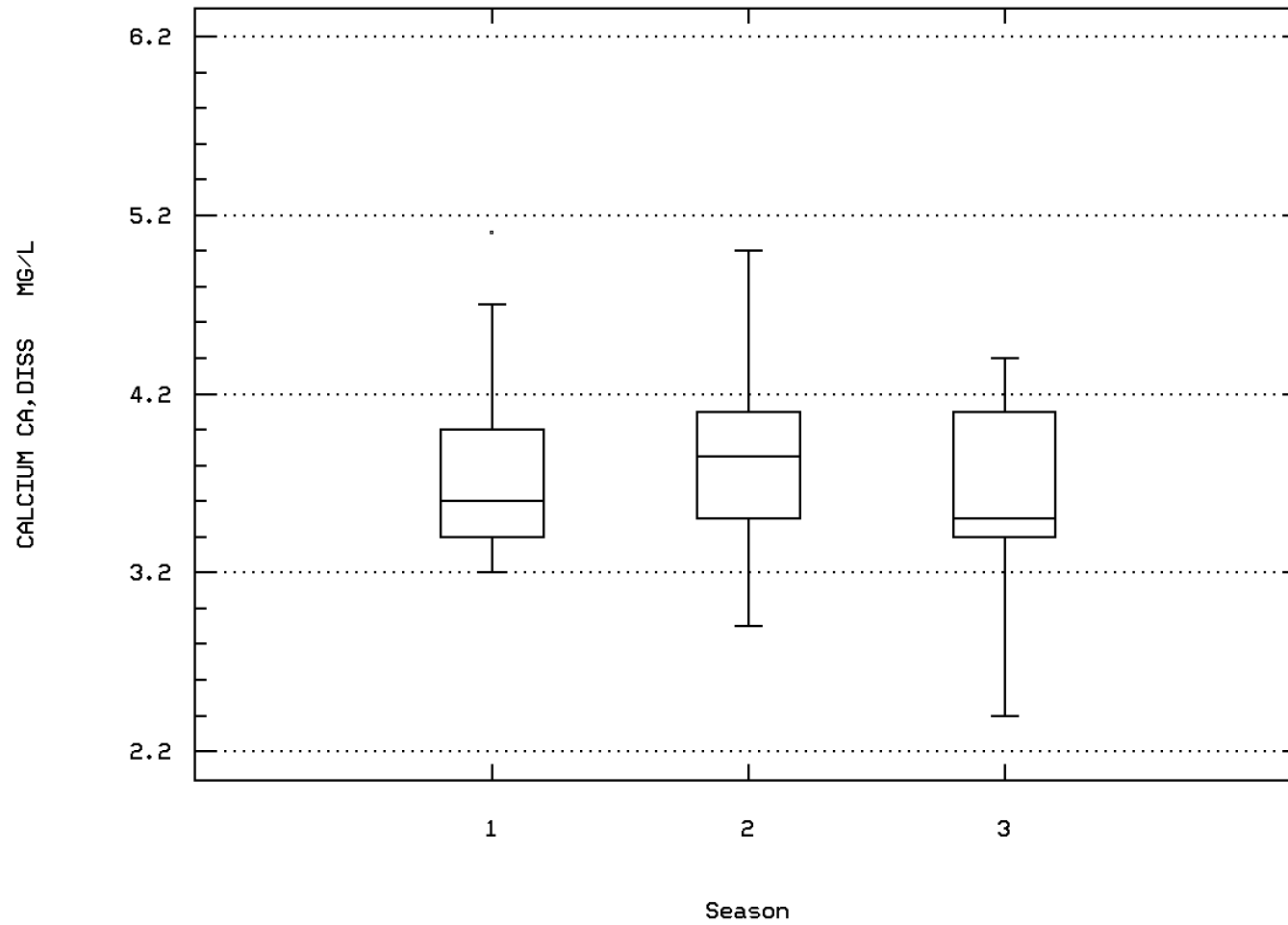
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00915

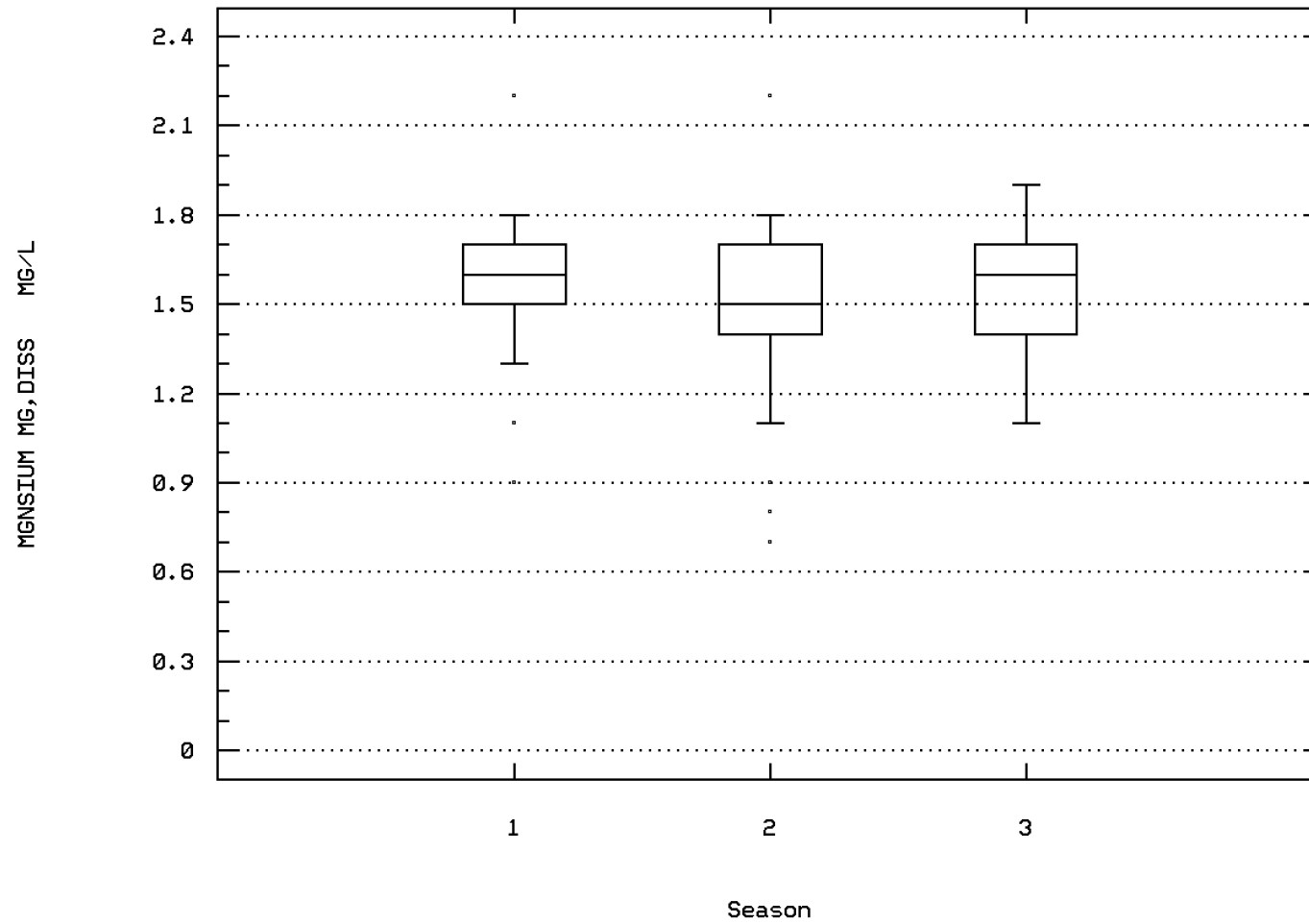
CALCIUM, DISSOLVED (MG/L AS CA)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00925

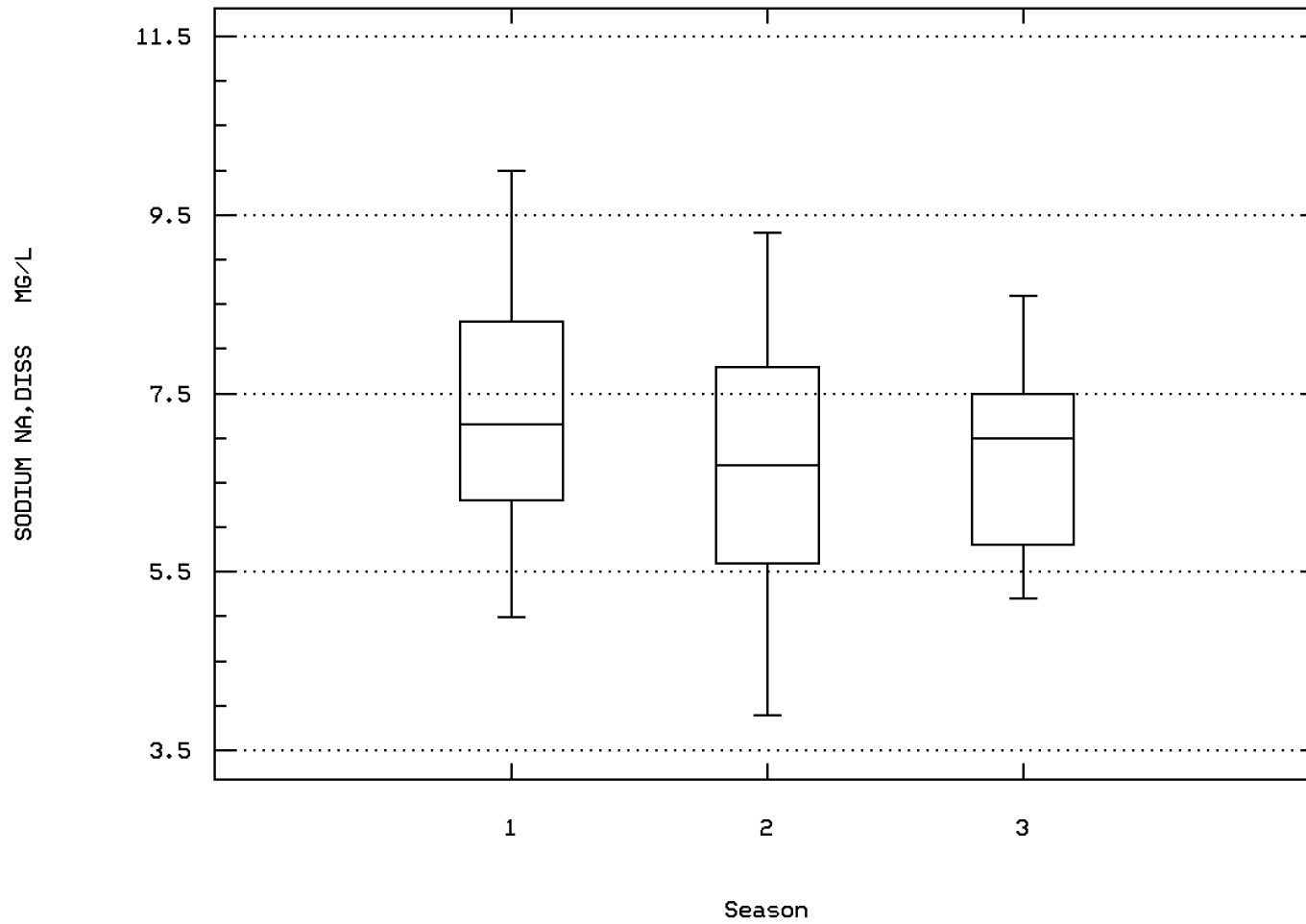
MAGNESIUM, DISSOLVED (MG/L AS MG)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00930

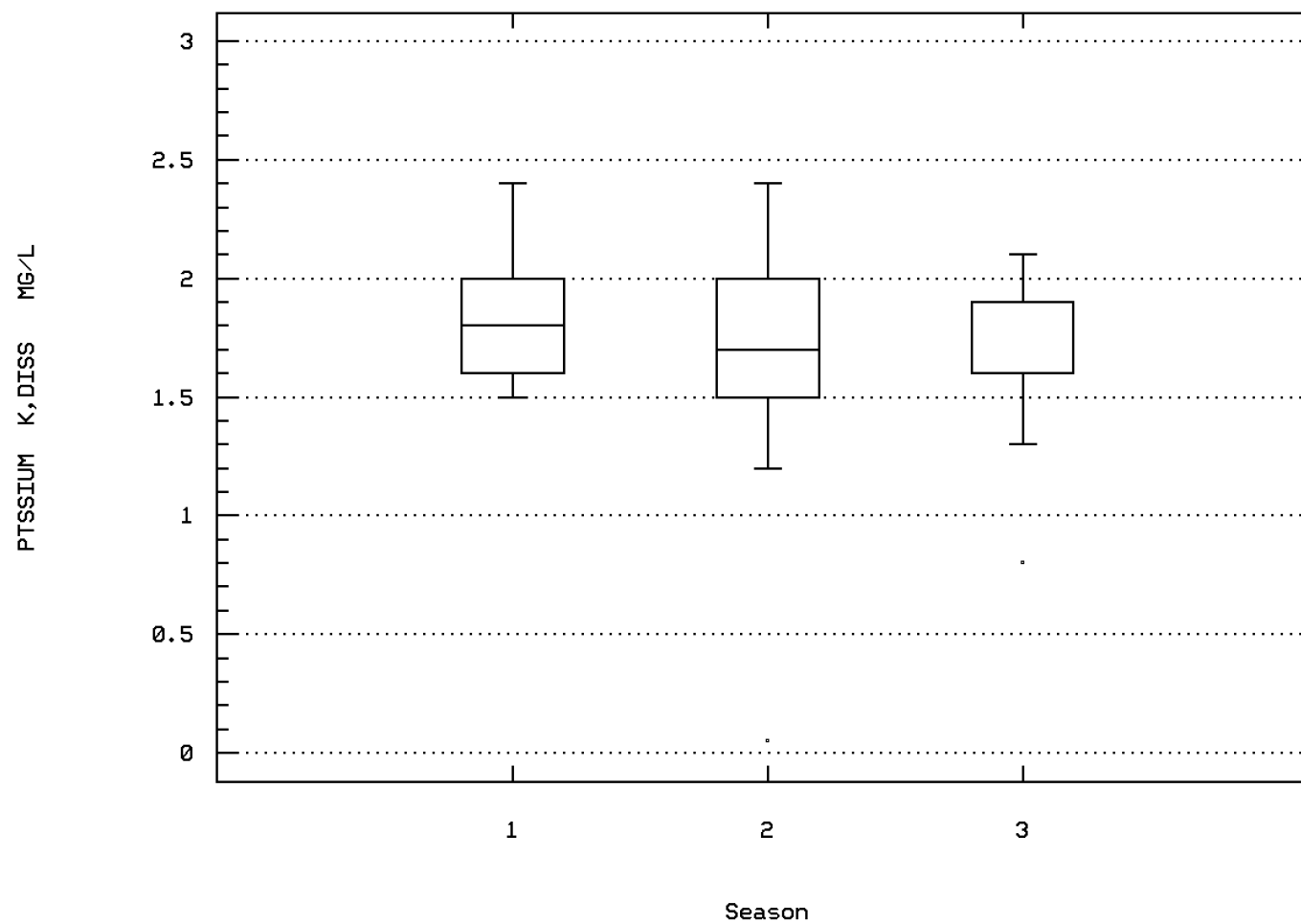
SODIUM, DISSOLVED (MG/L AS NA)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00935

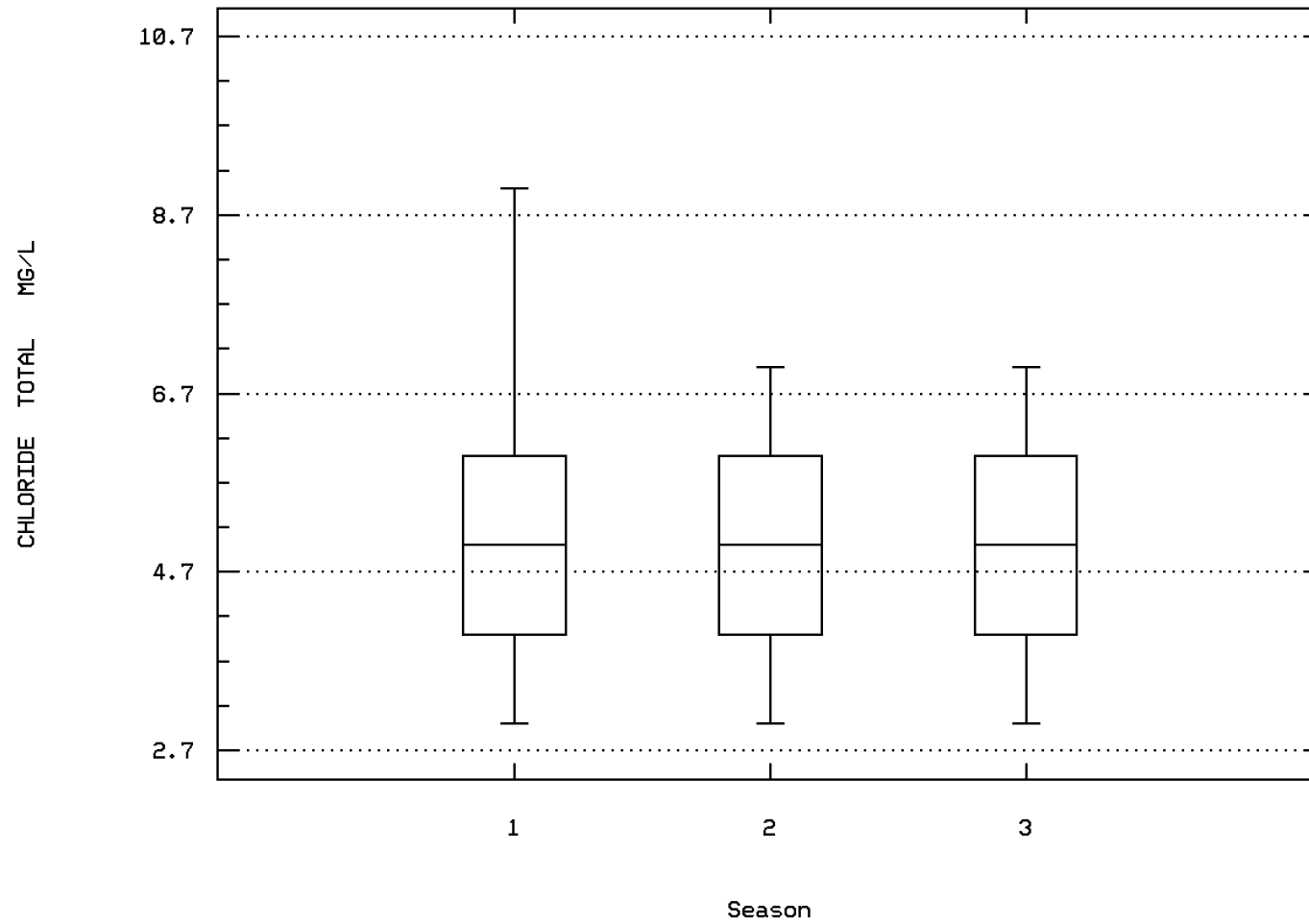
POTASSIUM, DISSOLVED (MG/L AS K)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00940

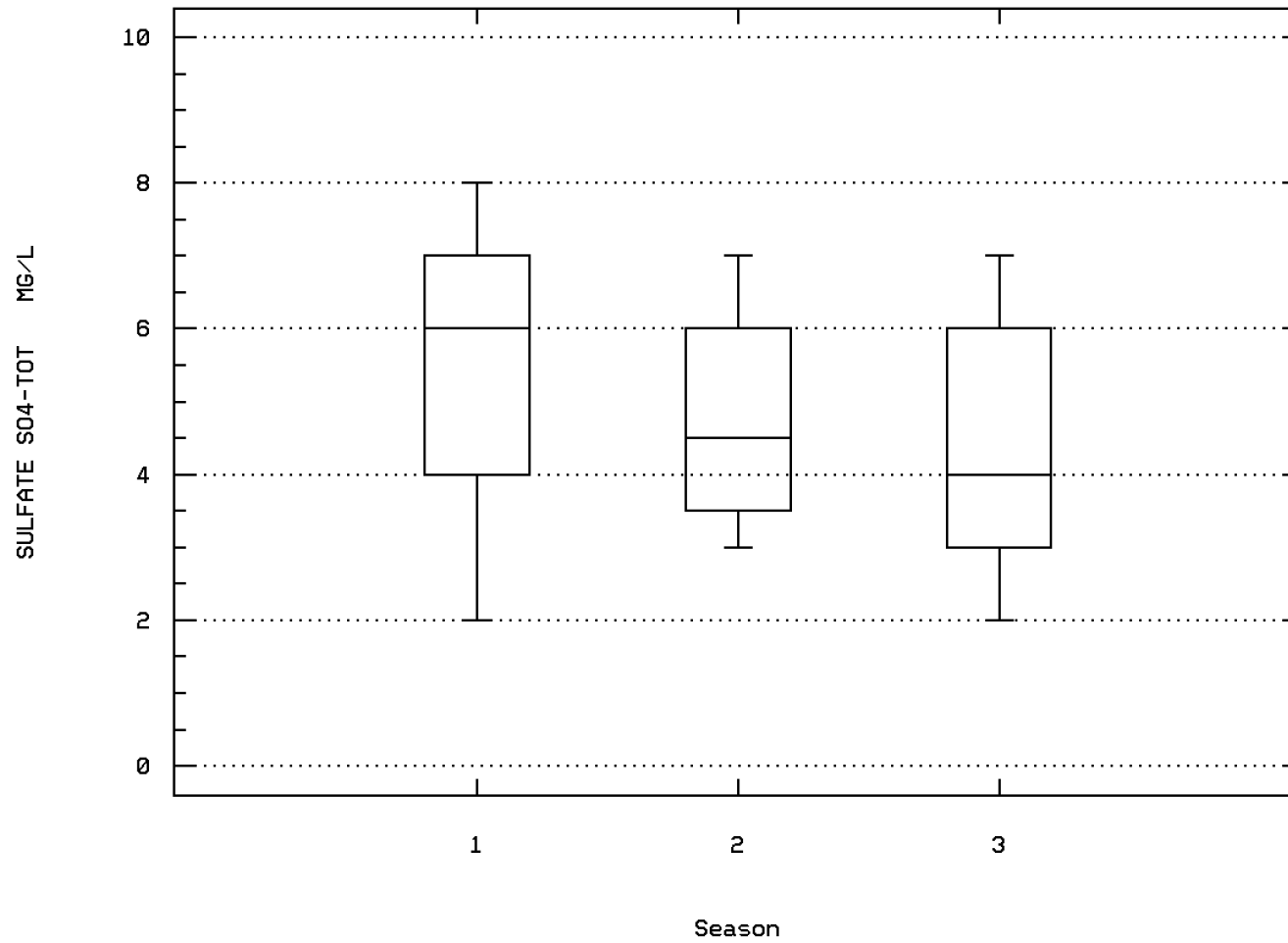
CHLORIDE, TOTAL IN WATER



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)

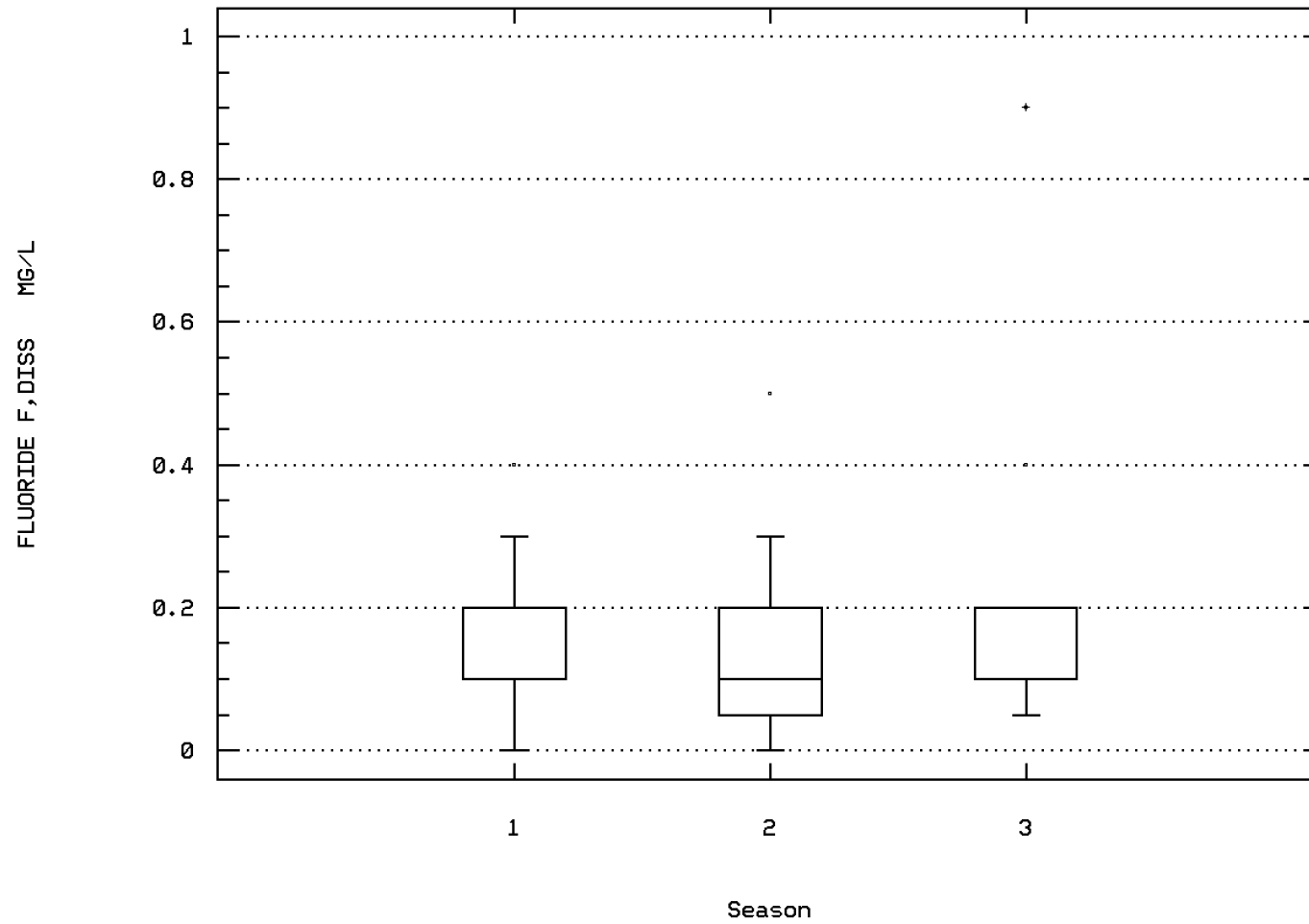


CONGAREE RIVER AT COLUMBIA, SC



Station: COSW0168 Parameter Code: 00950

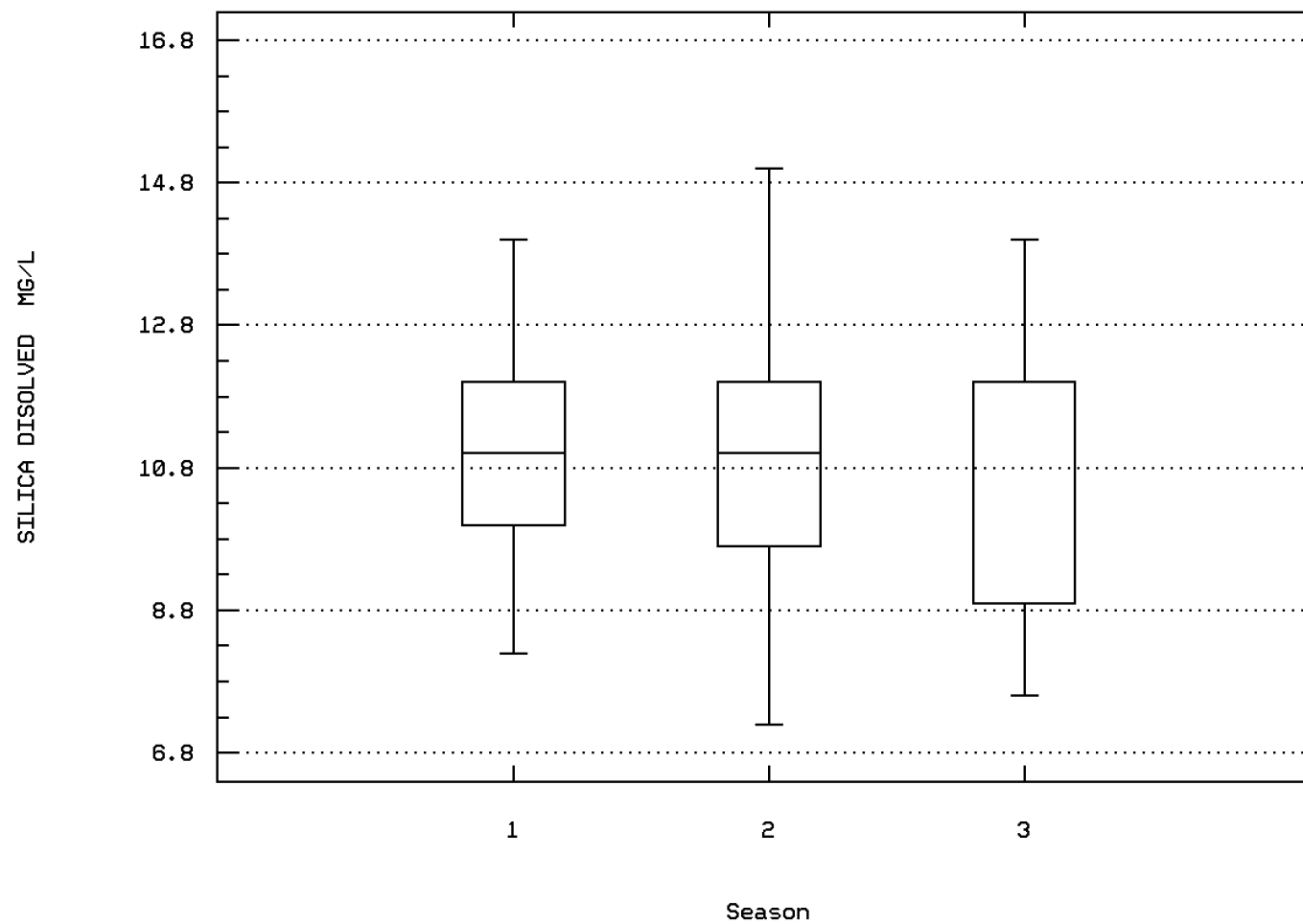
FLUORIDE, DISSOLVED (MG/L AS F)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 00955

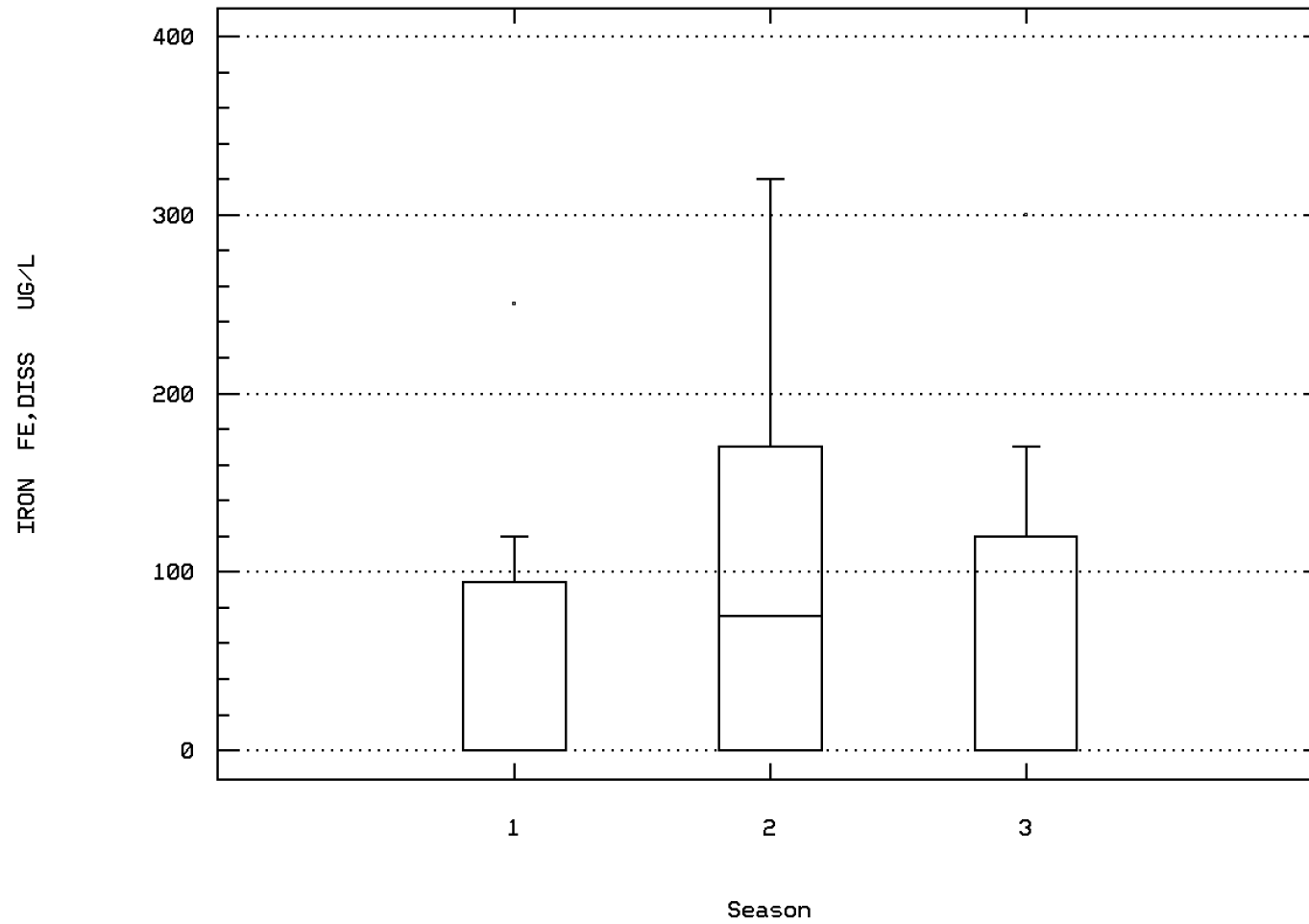
SILICA, DISSOLVED (MG/L AS SI02)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 01046

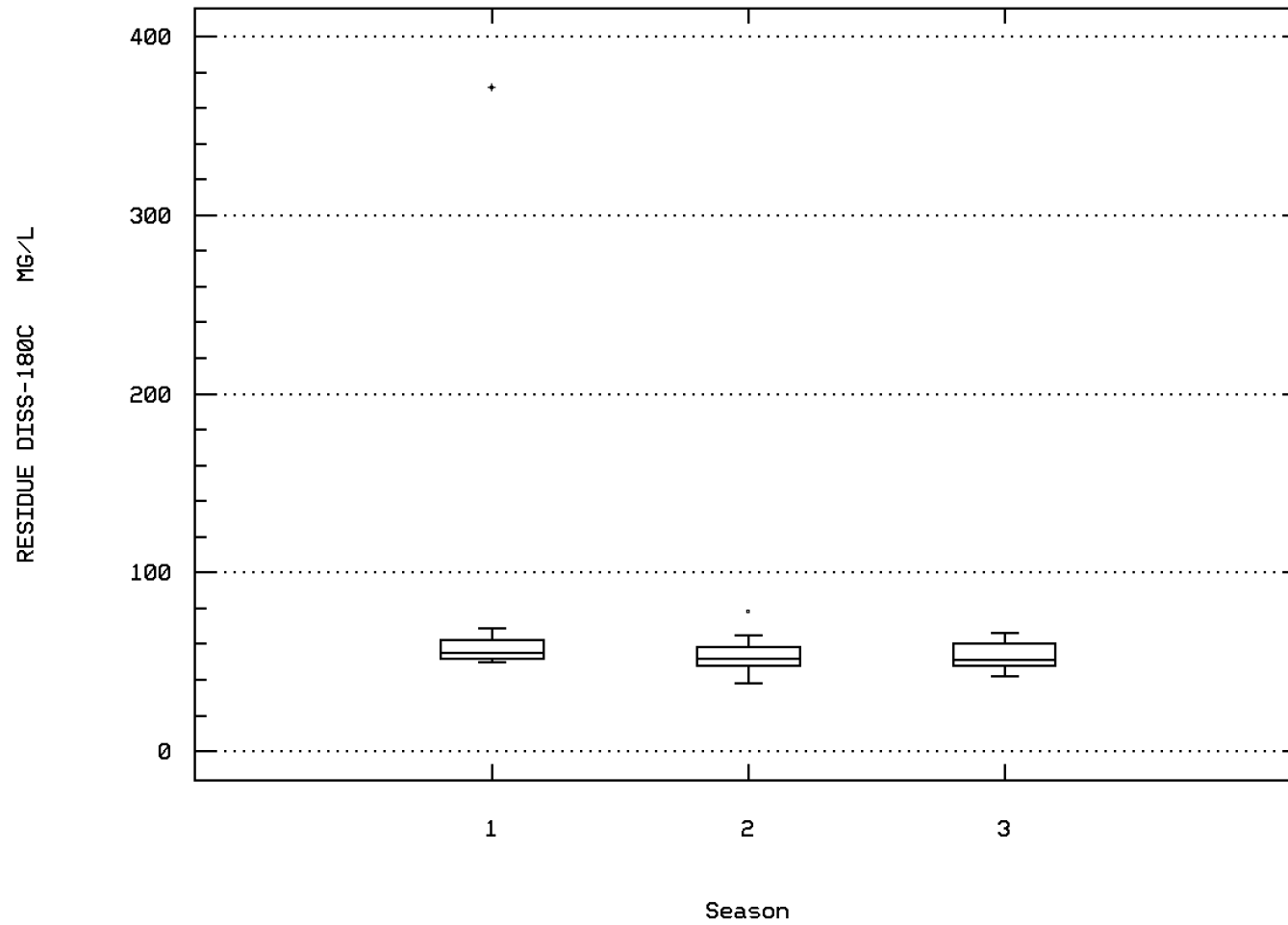
IRON, DISSOLVED (UG/L AS FE)



CONGAREE RIVER AT COLUMBIA, SC

Station: COSW0168 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



CONGAREE RIVER AT COLUMBIA, SC

## Station Inventory for Station: COSW0169

NPS Station ID: COSW0169      LAT/LON: 33.938892/ -81.077781

Location: CONGAREE CK AT US 21 AT CAYCE WTR INTAKE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER      CONGAREE

RF1 Index: 03050110031

RF3 Index: 03050110005301.35

Description:

SAMPLED BY SC PCA. FIRST REPORTING DATE 10/10/68.

LEXINGTON COUNTY.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 4.740

RF3 Mile Point: 2.28

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-008

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 8.60

Distance from RF3: 0.04

Date Created: / /

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	289	19.	17.664	29.	4.	39.923	6.318	9.	13.	23.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	208	22.	20.957	38.	0.	64.795	8.05	9.9	15.	27.	31.
00060	FLOW, STREAM, MEAN DAILY CFS	08/22/72-08/22/72	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	213	178.	196.962	740.	106.	5364.348	73.242	131.	150.	225.	292.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/10/68-02/04/72	5	26.	23.62	40.1	8.	144.122	12.005	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/10/68-10/02/73	14	9.5	10.786	22.	5.	25.72	5.071	5.5	6.75	14.75	19.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	262	5.5	7.15	45.	1.	34.58	5.881	2.7	3.8	8.	14.
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	31	65.	79.194	210.	30.	1756.828	41.915	41.	50.	90.	140.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/72-11/09/72	4	14.	15.75	21.	14.	12.25	3.5	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	289	7.8	8.171	13.2	4.7	2.571	1.603	6.4	7.	9.3	10.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/10/68-10/29/72	17	81.	81.706	99.	58.	98.471	9.923	70.	75.5	86.5	98.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	284	1.6	1.771	8.2	0.2	0.911	0.954	0.9	1.2	2.1	2.9
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/09/87	42	8.5	11.274	51.	2.5	112.246	10.595	2.5	2.5	13.75	22.4
00340	COD, .25N K2CR2O7 MG/L	08/03/76-08/10/87	6	15.	17.833	34.	9.	81.767	9.042	**	**	**	**
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	272	5.9	6.017	7.9	2.5	0.435	0.659	5.3	5.6	6.348	6.9
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	272	5.9	4.865	7.9	2.5	1.766	1.329	5.3	5.6	6.347	6.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	272	1.259	13.641	3162.278	0.013	36724.256	191.636	0.126	0.449	2.512	5.012
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	227	5.6	5.585	7.6	4.	0.292	0.541	4.9	5.3	6.	6.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	227	5.6	5.207	7.6	4.	0.435	0.66	4.9	5.3	6.	6.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	227	2.512	6.205	100.	0.025	154.88	12.445	0.631	1.	5.012	12.589
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	282	3.	4.523	80.	0.	45.729	6.762	1.	2.	4.	8.
00510	RESIDUE, TOTAL FIXED (MG/L)	06/18/92-06/18/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	09/01/93-09/01/93	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	61	6.	7.525	33.	1.	30.12	5.488	3.	4.	9.5	12.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-09/21/71	3	0.11	0.112	0.2	0.025	0.008	0.088	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	237 ##	0.025	0.081	1.6	0.01	0.025	0.157	0.025	0.025	0.08	0.16
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/08/72	3	0.17	0.217	0.35	0.13	0.014	0.117	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	232	0.41	0.471	2.63	0.025	0.104	0.323	0.18	0.283	0.577	0.82
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	266	0.17	0.18	0.9	0.01	0.009	0.094	0.09	0.13	0.22	0.27
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	20	0.095	0.101	0.24	0.	0.006	0.075	0.	0.03	0.15	0.209
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	237	0.03	0.055	2.2	0.01	0.022	0.149	0.01	0.02	0.05	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/06/76-05/22/97	72	4.85	5.557	17.3	0.5	8.867	2.978	2.53	3.325	7.375	9.17
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/13/71-02/25/97	17	3.	6.5	23.	2.5	41.875	6.471	2.9	3.	7.	19.8

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

# Parameter Inventory for Station: COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	11/10/83-03/10/86	3	0.6	0.633	0.7	0.6	0.003	0.058	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/10/83-03/10/86	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	06/08/71-09/21/71	3	2.	3.	5.	2.	3.	1.732	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-08/29/77	8 ##	5.	13.125	50.	5.	242.411	15.57	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/22/97	80 ##	5.	5.125	10.	5.	0.617	0.786	5.	5.	5.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-08/29/77	7 ##	25.	32.143	50.	25.	148.81	12.199	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/25/92-08/25/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/22/97	79 ##	25.	17.911	140.	5.	290.774	17.052	5.	5.	25.	25.
01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/73-08/29/77	12 ##	50.	45.833	50.	25.	94.697	9.731	25.	50.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/22/97	80 ##	25.	30.375	750.	5.	6874.541	82.913	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/22/97	79	480.	511.392	1200.	10.	46127.524	214.773	250.	360.	650.	800.
01046	IRON, DISSOLVED (UG/L AS FE)	05/21/73-08/29/77	14	485.	686.	2970.	170.	505397.692	710.913	192.5	320.25	655.	2112.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/73-08/29/77	12 ##	25.	33.333	100.	25.	492.424	22.191	25.	25.	25.	85.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/22/97	80 ##	25.	26.875	90.	10.	84.415	9.188	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/22/97	79	25.	29.684	310.	0.	1803.424	42.467	10.	20.	25.	30.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/76-08/29/77	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/03/76-08/29/77	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/22/97	80 ##	25.	22.875	50.	10.	192.896	13.889	10.	10.	25.	50.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/87-05/20/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/03/76-08/29/77	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/22/97	80 ##	25.	99.625	2000.	5.	98482.136	313.819	5.	20.	50.	100.
01102	TIN, TOTAL (UG/L AS SN)	05/20/87-05/20/87	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	02/16/89-02/15/90	5	150.	170.	290.	90.	6150.	78.422	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/08/71-08/13/71	3	790.	1093.333	1700.	790.	276033.333	525.389	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	06/08/71-08/13/71	3	2.898	3.009	3.23	2.898	0.037	0.192	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1019.924								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-04/15/94	16	120.	680.875	5000.	10.	2001711.05	1414.818	14.9	37.75	412.5	3810.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-04/15/94	16	2.078	2.141	3.699	1.	0.602	0.776	1.161	1.535	2.581	3.573
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			138.361								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	217	96.	201.949	5000.	2.	231655.298	481.306	33.	52.	160.	390.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	217	1.982	2.001	3.699	0.301	0.195	0.442	1.519	1.716	2.204	2.591
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.124								
31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	220.	220.	220.	220.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	2.342	2.342	2.342	2.342	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			220.								
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/07/95-03/12/97	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/12/93-03/12/97	5 ##	0.025	0.115	0.25	0.025	0.015	0.123	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.515	1.25	0.025	0.45	0.671	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.35	0.5	0.25	0.019	0.137	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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### Parameter Inventory for Station: COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/12/93-03/12/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39755	MIREX, TOTAL (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/12/97	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	03/12/93-03/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-06/11/76	7	0.03	0.059	0.24	0.01	0.007	0.081	**	**	**
71205	COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	3	790.	1093.333	1700.	790.	276033.333	525.389	**	**	**
71205	LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	3	2.898	3.009	3.23	2.898	0.037	0.192	**	**	**
71205	GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			1019.924							
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/22/97	90 ##	0.1	0.128	0.9	0.025	0.01	0.1	0.1	0.1	0.2
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/12/93-03/22/94	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	227	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

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### EPA Water Quality Criteria Analysis for Station: COSW0169

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	262	0	0.00	104	0	0.00	89	0	0.00	69	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	289	0	0.00	122	0	0.00	93	0	0.00	74	0	0.00		
00400	PH	Other-Hi Lim.	9.	272	0	0.00	111	0	0.00	90	0	0.00	71	0	0.00		
		Other-Lo Lim.	6.5	272	218	0.80	111	90	0.81	90	66	0.73	71	62	0.87		
00403	PH, LAB	Other-Hi Lim.	9.	227	0	0.00	96	0	0.00	71	0	0.00	60	0	0.00		
		Other-Lo Lim.	6.5	227	222	0.98	96	95	0.99	71	67	0.94	60	60	1.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	266	0	0.00	108	0	0.00	88	0	0.00	70	0	0.00		
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00		
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2 &	2	1.00	1	1	1.00	1	1	1.00					
		Drinking Water	5.	2 &	2	1.00	1	1	1.00	1	1	1.00					
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00		
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	79	1	0.01	33	0	0.00	26	1	0.04	20	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	0 &	0	0.00											
		Drinking Water	1300.	12	0	0.00	9	0	0.00	1	0	0.00	2	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	35 &	2	0.06	15	1	0.07	11	0	0.00	9	1	0.11		
		Drinking Water	1300.	80	0	0.00	34	0	0.00	26	0	0.00	20	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	11 &	0	0.00	8	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	0 &	0	0.00											
01051	LEAD, TOTAL	Fresh Acute	82.	80	1	0.01	34	1	0.03	26	0	0.00	20	0	0.00		
		Drinking Water	15.	6 &	5	0.83	3	3	1.00	1	1	1.00	2	1	0.50		
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	100.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	80	0	0.00	34	0	0.00	26	0	0.00	20	0	0.00		
		Drinking Water	100.	80	0	0.00	34	0	0.00	26	0	0.00	20	0	0.00		
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00											
		Drinking Water	100.	1	0	0.00							1	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	5000.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0169

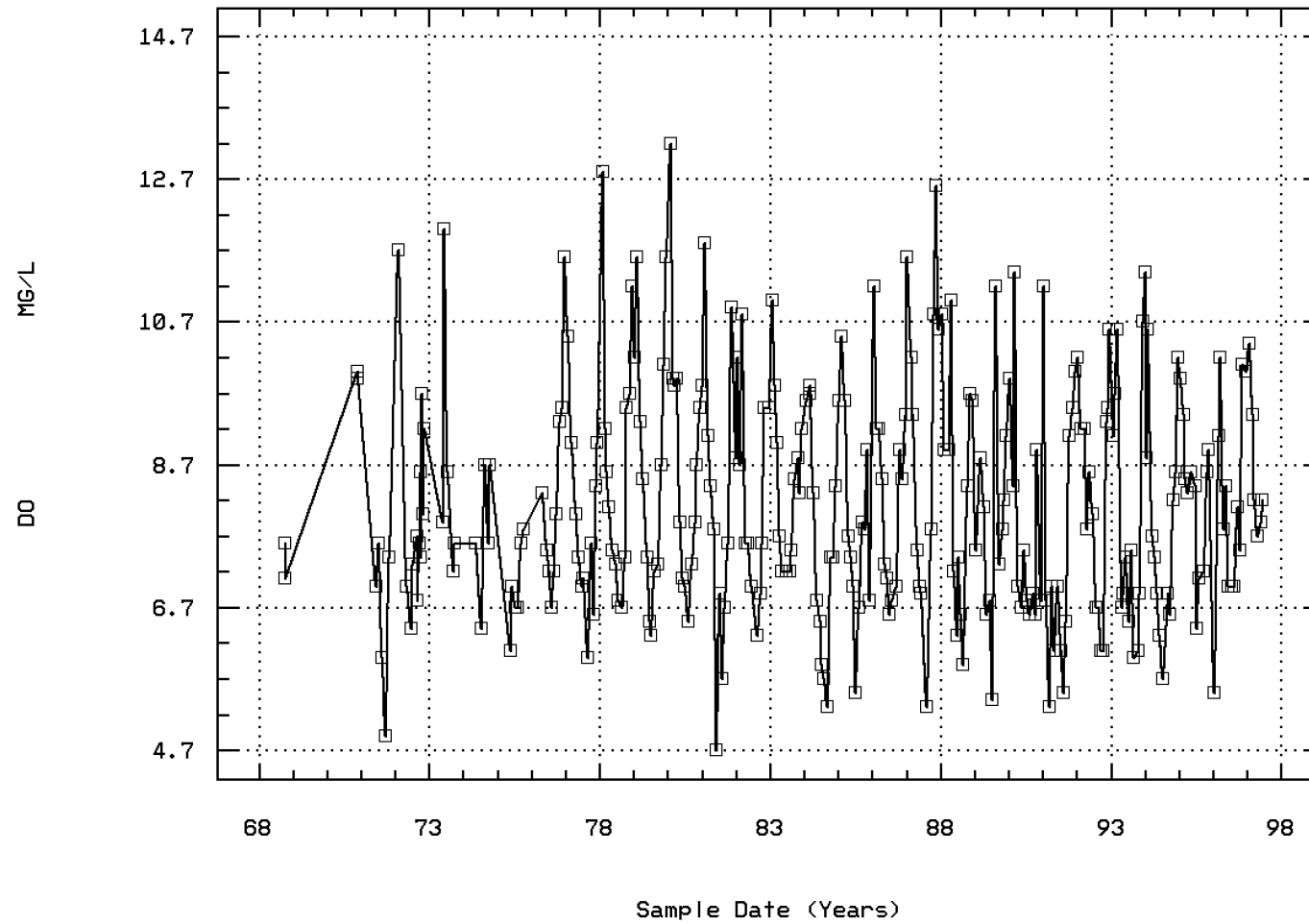
Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
01092 ZINC, TOTAL	Fresh Acute	120.	80	6	0.08	34	4	0.12	26	0	0.00	20	2	0.10			
	Drinking Water	5000.	80	0	0.00	34	0	0.00	26	0	0.00	20	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	1	0.33	2	1	0.50				1	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	4	0.25	8	3	0.38	4	1	0.25	4	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	217	48	0.22	100	26	0.26	59	10	0.17	58	12	0.21			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	5	0	0.00				5	0	0.00						
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	5	0	0.00				5	0	0.00						
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00				5	0	0.00						
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00				5	0	0.00						
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00				5	0	0.00						
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00				5	0	0.00						
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	5	0	0.00				5	0	0.00						
	Drinking Water	2.	5	0	0.00				5	0	0.00						
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00				5	0	0.00						
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00				5	0	0.00						
	Drinking Water	2.	5	0	0.00				5	0	0.00						
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3 &	0	0.00				3	0	0.00						
	Drinking Water	3.	5	0	0.00				5	0	0.00						
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	5	0	0.00				5	0	0.00						
	Drinking Water	0.4	5	0	0.00				5	0	0.00						
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	5	0	0.00				5	0	0.00						
	Drinking Water	0.2	5	0	0.00				5	0	0.00						
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00				2	0	0.00						
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	2	0	0.00				2	0	0.00						
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00				2	0	0.00						
	Drinking Water	1.	2	0	0.00				2	0	0.00						
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	5	0	0.00				5	0	0.00						
	Drinking Water	0.2	5	0	0.00				5	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	90	0	0.00	42	0	0.00	26	0	0.00	22	0	0.00			
	Drinking Water	2.	90	0	0.00	42	0	0.00	26	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station: COSW0169 Parameter Code: 00300

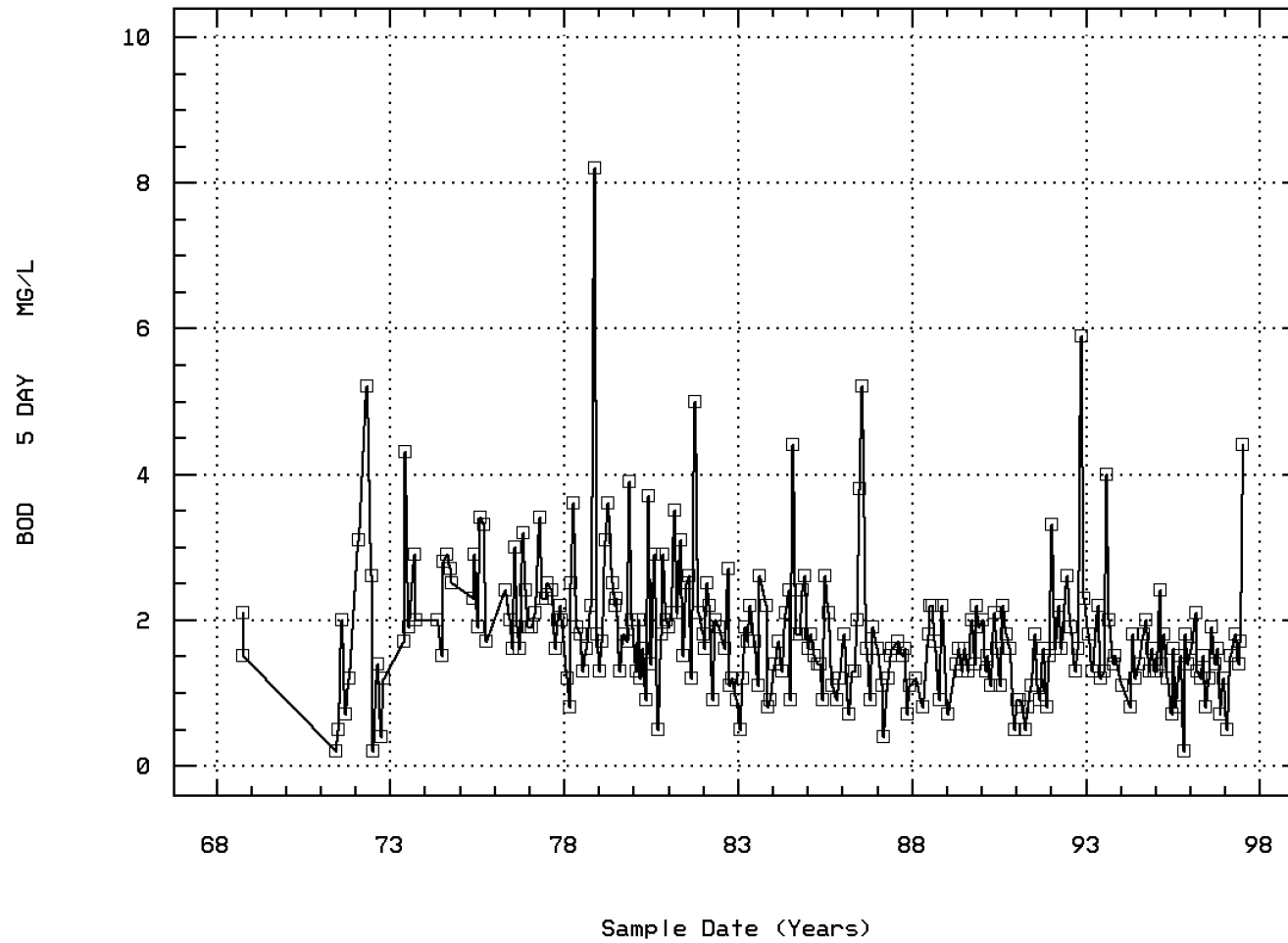
OXYGEN, DISSOLVED



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00310

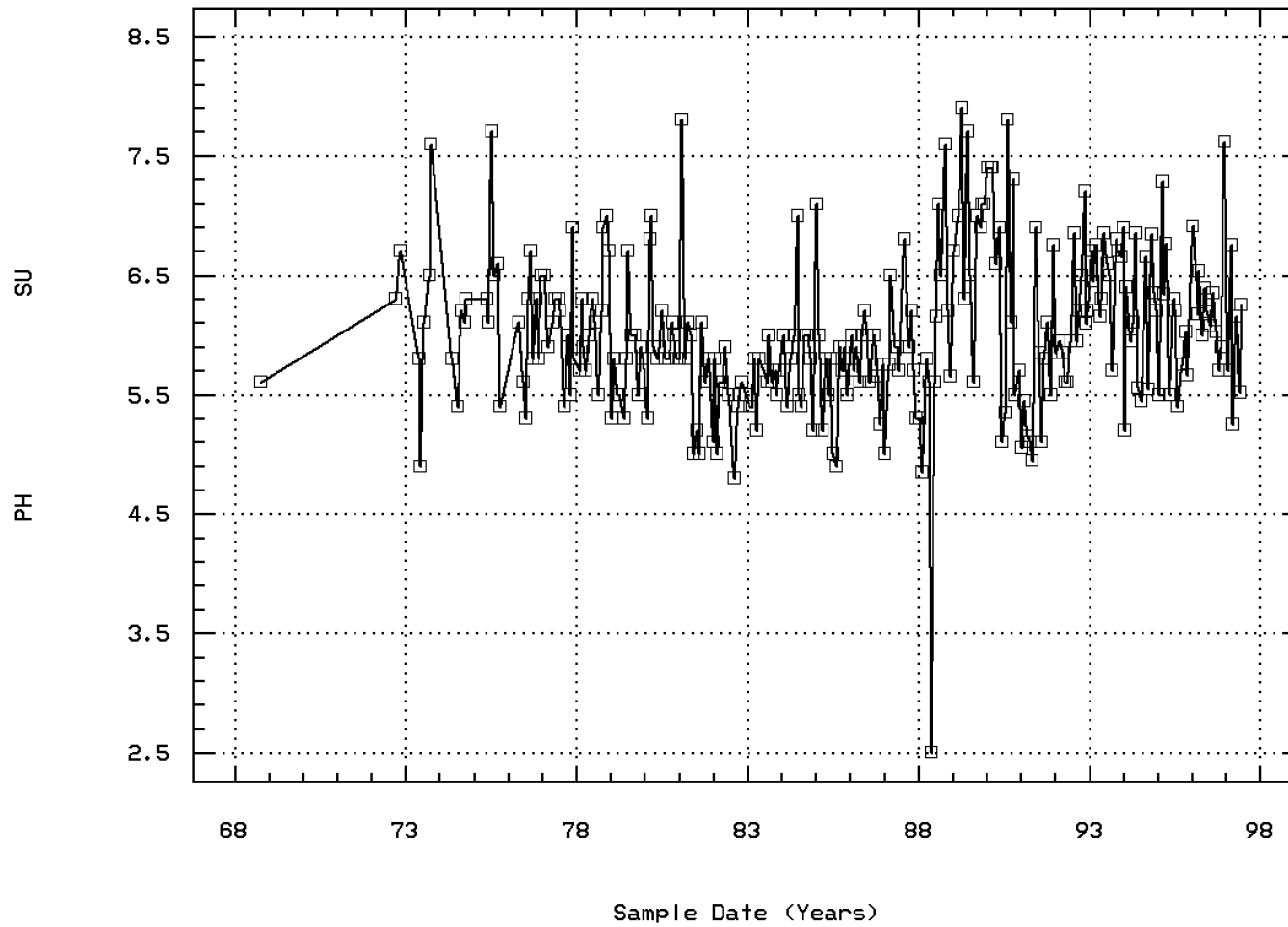
BOD, 5 DAY, 20 DEG C



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00400

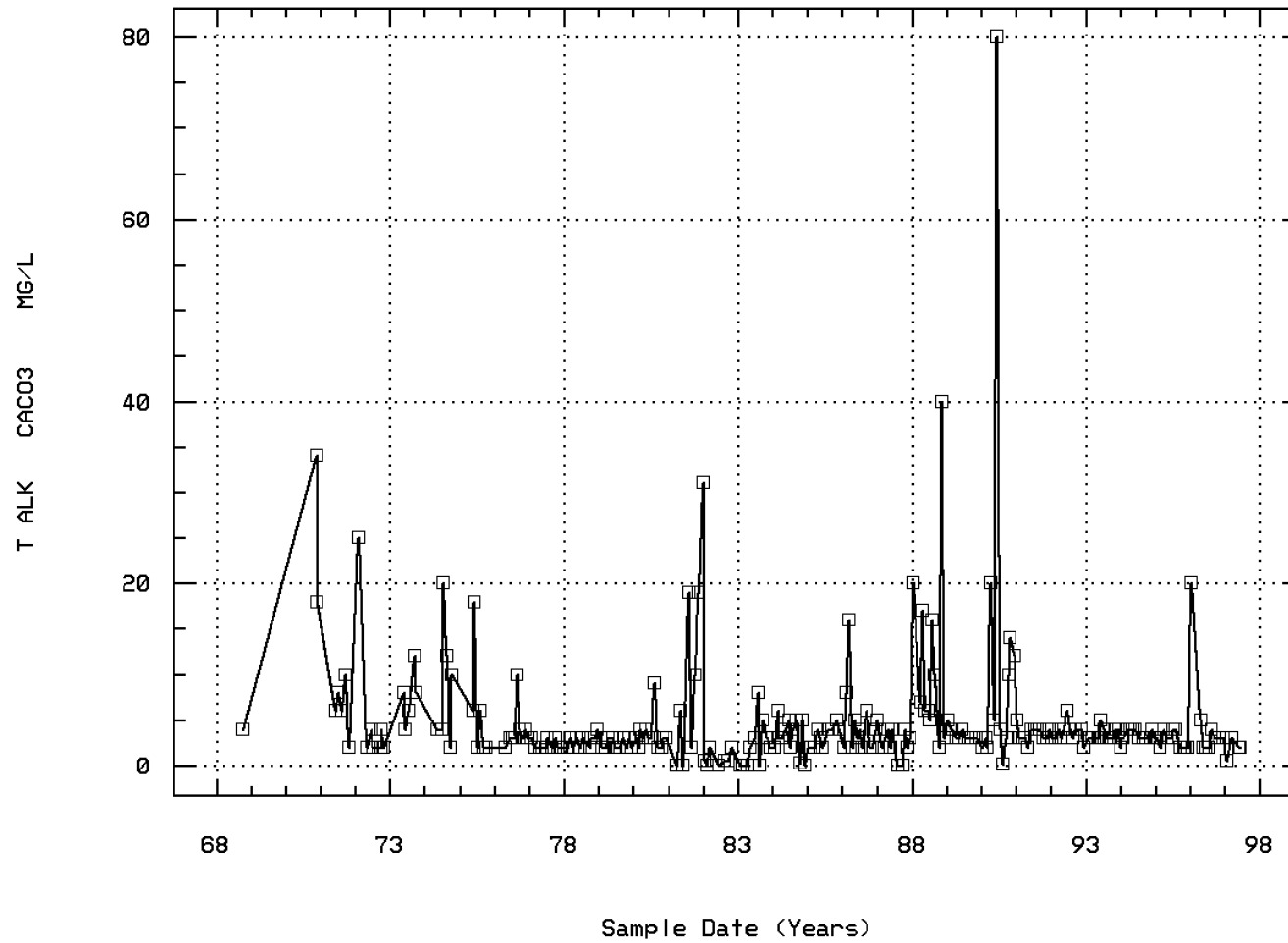
PH (STANDARD UNITS)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00410

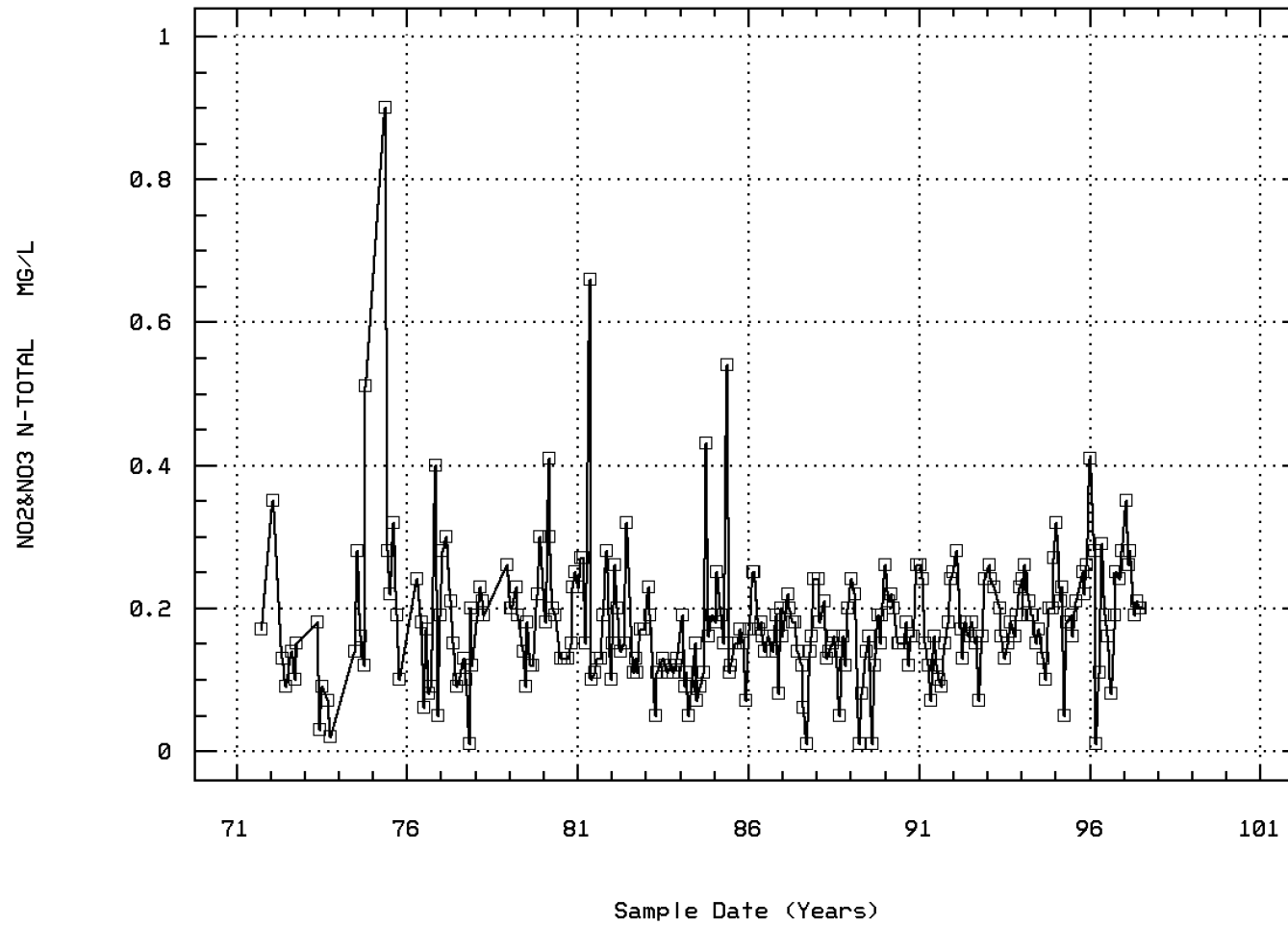
ALKALINITY, TOTAL (MG/L AS CaCO3)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00630

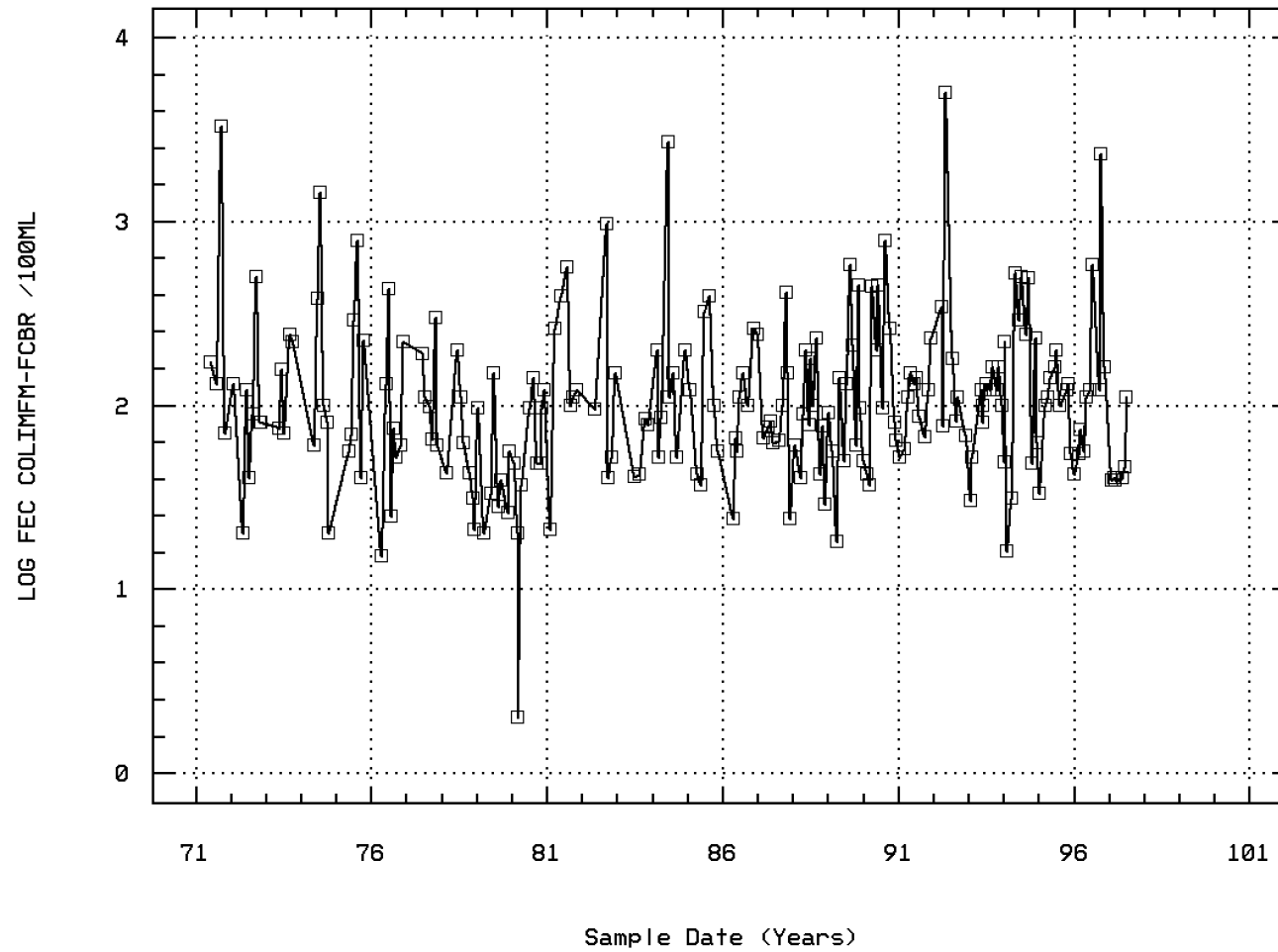
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

### Annual Analysis for 1968 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2	19.	19.	19.	19.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	2	7.35	7.35	7.6	7.1	0.125	0.354	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	2	1.8	1.8	2.1	1.5	0.18	0.424	**	**	**	**
00400p	PH (STANDARD UNITS)	2	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	2	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	2	5.7	5.7	5.8	5.6	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	2	5.689	5.689	5.8	5.6	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	2.048	2.048	2.512	1.585	0.43	0.655	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	4.	4.	4.	4.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1970 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	2	9.95	9.95	10.	9.9	0.005	0.071	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	2	6.947	6.947	7.	6.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.113	0.113	0.126	0.1	0.	0.018	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	2	26.	26.	34.	18.	128.	11.314	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1971 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5	25.	24.4	27.	19.5	8.425	2.903	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	5	7.	6.58	7.6	4.9	1.262	1.123	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	5	0.7	0.92	2.	0.2	0.497	0.705	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	5	5.3	5.56	6.1	5.3	0.138	0.371	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	5	5.3	5.458	6.1	5.3	0.151	0.389	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	5.012	3.483	5.012	0.794	4.461	2.112	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	6.	6.4	10.	2.	8.8	2.966	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	130.	736.	3300.	10.	2058080.	1434.601	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	2.114	2.142	3.519	1.	0.824	0.908	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			138.548								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	21.5	20.	25.	8.	24.227	4.922	9.65	18.625	23.	24.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	1	267.	267.	267.	267.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	12	7.65	8.117	11.7	6.4	2.211	1.487	6.52	7.075	9.05	11.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	7	1.4	2.014	5.2	0.2	3.101	1.761	**	**	**	**
00400p	PH (STANDARD UNITS)	2	6.5	6.5	6.7	6.3	0.08	0.283	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	2	6.455	6.455	6.7	6.3	0.084	0.29	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	2	0.35	0.35	0.501	0.2	0.045	0.213	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1972 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	7	5.8	5.714	6.2	5.3	0.091	0.302	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	7	5.8	5.63	6.2	5.3	0.1	0.316	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	7	1.585	2.342	5.012	0.631	2.287	1.512	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	7	2.	5.857	25.	2.	72.143	8.494	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	6	0.135	0.16	0.35	0.09	0.009	0.096	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	8	85.	132.5	500.	20.	23392.857	152.947	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	8	1.929	1.944	2.699	1.301	0.164	0.405	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			87.994								

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1973 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5	25.	23.2	25.	19.	7.2	2.683	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	5	7.9	8.66	12.	7.2	3.748	1.936	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	5	2.	2.56	4.3	1.7	1.158	1.076	**	**	**	**
00400p	PH (STANDARD UNITS)	5	6.1	6.18	7.6	4.9	0.977	0.988	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	5	6.1	5.514	7.6	4.9	1.531	1.238	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.794	3.062	12.589	0.025	28.714	5.359	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	5	5.4	5.7	6.2	5.4	0.17	0.412	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	5	5.4	5.573	6.2	5.4	0.19	0.436	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	3.981	2.674	3.981	0.631	3.208	1.791	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	5	8.	7.6	12.	4.	8.8	2.966	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	5	0.07	0.078	0.18	0.02	0.004	0.064	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	155.	152.	240.	70.	6257.5	79.104	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	5	2.19	2.127	2.38	1.845	0.064	0.254	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			133.852								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1974 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5	23.	22.4	25.5	17.	12.675	3.56	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11	132.	140.182	178.	121.	381.564	19.534	121.	130.	165.	175.4
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	6	5.35	6.267	12.	4.	8.351	2.89	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	5	7.6	7.8	8.7	6.4	0.915	0.957	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	6	2.6	2.4	2.9	1.5	0.296	0.544	**	**	**	**
00400p	PH (STANDARD UNITS)	5	6.1	5.96	6.3	5.4	0.133	0.365	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	5	6.1	5.824	6.3	5.4	0.156	0.395	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	5	0.794	1.498	3.981	0.501	2.103	1.45	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	6	6.	5.967	6.4	5.5	0.111	0.333	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	6	5.989	5.862	6.4	5.5	0.124	0.352	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	6	1.027	1.373	3.162	0.398	1.088	1.043	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	6	7.	8.667	20.	2.	45.867	6.772	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	5	0.16	0.242	0.51	0.12	0.026	0.162	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	90.	343.333	1420.	20.	294786.667	542.943	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	6	1.952	2.119	3.152	1.301	0.425	0.652	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C			131.54								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



### Annual Analysis for 1975 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	6	24.5	23.167	26.	19.	8.567	2.927	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	201.5	204.5	230.	173.	441.727	21.017	173.	192.	230.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	5	5.5	8.36	20.	3.3	45.173	6.721	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	6	6.85	6.983	7.8	6.1	0.398	0.631	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	6	2.6	2.583	3.4	1.7	0.522	0.722	**	**	**
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	6	6.4	6.433	7.7	5.4	0.567	0.753	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	6	6.389	6.01	7.7	5.4	0.782	0.884	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	6	0.409	0.977	3.981	0.02	2.233	1.494	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	6	5.7	5.783	6.5	5.2	0.31	0.556	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	6	5.604	5.545	6.5	5.2	0.378	0.615	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	6	2.491	2.853	6.31	0.316	6.656	2.58	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	6	4.	6.	18.	2.	38.4	6.197	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	6	0.25	0.335	0.9	0.1	0.082	0.287	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	147.	243.333	780.	40.	79471.067	281.906	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	2.096	2.149	2.892	1.602	0.25	0.5	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.025							
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**

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### Annual Analysis for 1976 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	9	22.	18.556	24.	5.	46.528	6.821	5.	12.5	23.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	9	173.	256.111	740.	149.	36010.361	189.764	149.	158.	740.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	9	4.2	6.022	18.	2.6	23.317	4.829	2.6	3.1	18.
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	9	8.	8.367	11.6	6.7	2.375	1.541	6.7	7.2	11.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	9	2.	2.222	3.2	1.6	0.332	0.576	1.6	1.75	3.2
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	9	6.1	6.044	6.7	5.3	0.205	0.453	5.3	5.7	6.7
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	9	6.1	5.84	6.7	5.3	0.252	0.502	5.3	5.7	6.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	9	0.794	1.445	5.012	0.2	2.366	1.538	0.2	0.409	5.012
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	9	5.5	5.411	5.7	4.8	0.089	0.298	4.8	5.2	5.7
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	9	5.5	5.303	5.7	4.8	0.102	0.319	4.8	5.2	5.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	9	3.162	4.977	15.849	1.995	20.092	4.482	1.995	2.254	15.849
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	9	3.	3.889	10.	2.	5.611	2.369	2.	3.	10.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	7	0.03	0.054	0.13	0.01	0.002	0.046	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	7	0.48	0.581	1.	0.35	0.061	0.248	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	9	0.17	0.162	0.4	0.05	0.012	0.111	0.05	0.07	0.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	6	0.04	0.079	0.21	0.01	0.007	0.081	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	67.5	125.875	430.	15.	19460.411	139.501	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	1.827	1.879	2.633	1.176	0.229	0.478	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			75.707							
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	9	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

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### Annual Analysis for 1977 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	11	21.	18.636	26.	4.	45.855	6.772	5.8	14.	26.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	180.	201.909	372.	129.	4301.691	65.587	132.8	164.	344.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	11	5.	7.873	36.	3.	89.652	9.468	3.06	3.7	30.6
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	11	7.6	7.873	10.5	6.	1.652	1.285	6.12	7.	10.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	11	2.2	2.245	3.4	1.6	0.211	0.459	1.66	2.	3.22
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	11	6.1	6.082	6.9	5.4	0.188	0.433	5.42	5.8	6.82

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### Annual Analysis for 1977 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	11	6.1	5.9	6.9	5.4	0.224	0.473	5.42	5.8	6.3	6.82
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	11	0.794	1.26	3.981	0.126	1.514	1.23	0.164	0.501	1.585	3.817
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	11	5.6	5.509	6.	4.8	0.137	0.37	4.84	5.4	5.9	5.98
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	11	5.6	5.353	6.	4.8	0.164	0.405	4.84	5.4	5.9	5.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	11	2.512	4.441	15.849	1.	20.493	4.527	1.052	1.259	3.981	14.679
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	11	2.	2.273	3.	2.	0.218	0.467	2.	2.	3.	3.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11	0.06	0.07	0.16	0.025	0.002	0.046	0.025	0.03	0.1	0.156
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	11	0.41	0.452	1.01	0.21	0.055	0.234	0.216	0.24	0.52	0.94
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.13	0.154	0.3	0.01	0.007	0.087	0.026	0.1	0.21	0.296
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11 ##	0.03	0.054	0.11	0.015	0.001	0.037	0.017	0.025	0.1	0.108
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	104.	137.167	300.	60.	8548.167	92.456	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	2.016	2.063	2.477	1.778	0.073	0.271	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			115.68								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1978 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	16.5	15.417	23.	4.	46.447	6.815	4.	10.75	22.	23.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	156.	169.833	256.	134.	1402.152	37.445	134.3	140.	197.	243.4
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	4.4	7.533	45.	1.9	141.233	11.884	2.05	2.65	5.825	33.36
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.35	8.733	12.8	6.7	3.455	1.859	6.73	7.325	9.65	12.32
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.8	2.325	8.2	0.8	3.986	1.996	0.86	1.225	2.425	6.82
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.15	6.192	7.	5.5	0.23	0.48	5.56	5.75	6.6	6.97
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.147	5.991	7.	5.5	0.274	0.524	5.56	5.75	6.6	6.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	0.713	1.022	3.162	0.1	0.874	0.935	0.108	0.275	1.811	2.812
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.55	5.542	5.9	5.1	0.072	0.268	5.1	5.4	5.775	5.9
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.547	5.463	5.9	5.1	0.078	0.28	5.1	5.4	5.775	5.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	2.837	3.441	7.943	1.259	5.279	2.298	1.259	1.687	3.981	7.943
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.	2.583	4.	1.	0.629	0.793	1.3	2.	3.	3.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	5 ##	0.025	0.03	0.05	0.025	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	5	0.51	0.874	2.63	0.14	1.005	1.002	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	5	0.21	0.216	0.26	0.19	0.001	0.03	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	5 ##	0.025	0.049	0.12	0.01	0.002	0.049	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	43.	72.857	200.	21.	3981.143	63.096	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	1.633	1.745	2.301	1.322	0.111	0.333	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			55.597								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1979 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	14.5	14.583	24.	4.	52.811	7.267	4.3	8.25	21.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	10	176.	185.8	276.	139.	1845.956	42.965	139.5	150.	215.25	270.9
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	3.5	3.85	7.5	1.9	2.997	1.731	1.96	2.525	4.5	7.23
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.6	8.725	11.6	6.3	3.448	1.857	6.36	7.225	10.175	11.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	2.1	2.283	3.9	1.3	0.727	0.853	1.3	1.7	2.95	3.81
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.758	6.7	5.3	0.15	0.387	5.3	5.5	5.975	6.49
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.636	6.7	5.3	0.166	0.408	5.3	5.5	5.975	6.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.585	2.31	5.012	0.2	2.486	1.577	0.44	1.065	3.162	5.012

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### Annual Analysis for 1979 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.35	5.333	5.6	4.8	0.05	0.223	4.89	5.225	5.5	5.57
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.347	5.271	5.6	4.8	0.054	0.232	4.89	5.225	5.5	5.57
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	4.496	5.357	15.849	2.512	13.39	3.659	2.707	3.162	5.985	13.477
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	2.	2.25	3.	1.	0.386	0.622	1.3	2.	3.	3.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11 ##	0.025	0.048	0.18	0.01	0.003	0.051	0.013	0.025	0.05	0.166
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	7	0.31	0.342	0.94	0.025	0.086	0.293	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.19	0.181	0.3	0.09	0.004	0.06	0.096	0.12	0.22	0.286
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11	0.02	0.034	0.13	0.01	0.001	0.034	0.01	0.02	0.04	0.112
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	36.	56.125	150.	20.	2044.982	45.221	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	1.555	1.648	2.176	1.301	0.091	0.302	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.46								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1980 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	15.5	17.333	29.	7.	42.061	6.485	8.2	13.	23.	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	16.	16.333	29.	4.	70.788	8.414	4.6	8.25	23.5	28.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	189.	187.833	225.	150.	1060.879	32.571	150.	152.	219.75	224.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	3.9	4.375	6.9	2.8	2.189	1.48	2.83	3.25	6.	6.81
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.3	8.725	13.2	6.5	3.5	1.871	6.65	7.15	9.875	12.21
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.7	1.85	3.7	0.5	0.854	0.924	0.62	1.225	2.675	3.46
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.9	6.033	7.	5.3	0.213	0.462	5.45	5.8	6.175	6.94
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.9	5.86	7.	5.3	0.246	0.496	5.45	5.8	6.175	6.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.259	1.379	5.012	0.1	1.597	1.264	0.118	0.672	1.585	3.984
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.3	5.342	5.5	5.2	0.017	0.131	5.2	5.2	5.5	5.5
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.3	5.324	5.5	5.2	0.018	0.132	5.2	5.2	5.5	5.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	5.012	4.742	6.31	3.162	1.874	1.369	3.162	3.162	6.31	6.31
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.	3.417	9.	2.	3.538	1.881	2.	2.25	3.75	7.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11	0.07	0.083	0.23	0.025	0.004	0.061	0.025	0.025	0.12	0.208
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	8	0.1	0.183	0.53	0.05	0.037	0.193	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.19	0.209	0.41	0.13	0.007	0.086	0.13	0.13	0.25	0.388
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11	0.03	0.044	0.14	0.02	0.001	0.034	0.022	0.03	0.04	0.124
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	10	48.	65.5	140.	2.	2023.833	44.987	3.8	32.75	102.	138.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	10	1.681	1.64	2.146	0.301	0.289	0.538	0.401	1.501	2.006	2.139
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.69								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1981 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	18.	16.625	25.	6.	52.778	7.265	6.	9.25	23.	24.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	19.75	18.875	31.	1.	77.915	8.827	3.4	12.	26.5	29.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	173.	200.636	340.	118.	6654.055	81.572	119.4	129.	294.	335.2
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	4.35	4.75	9.	2.2	4.872	2.207	2.29	2.875	5.925	8.82
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.1	8.183	11.8	4.7	4.271	2.067	5.	6.75	9.625	11.53
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	2.1	2.45	5.	1.2	1.055	1.027	1.29	1.825	2.975	4.55
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.775	7.8	5.	0.58	0.762	5.	5.125	6.075	7.29
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.435	7.8	5.	0.707	0.841	5.	5.125	6.075	7.29
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.585	3.677	10.	0.016	14.252	3.775	0.249	0.846	7.535	10.
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.	5.233	6.6	4.1	0.648	0.805	4.13	4.9	6.05	6.54

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### Annual Analysis for 1981 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.	4.753	6.6	4.1	0.899	0.948	4.13	4.9	6.05	6.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	10.	17.651	79.433	0.251	659.781	25.686	0.295	1.629	12.589	74.532
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	1.5	7.583	31.	0.	103.356	10.166	0.	1.	16.75	27.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12	0.29	0.479	1.6	0.025	0.242	0.492	0.039	0.093	0.82	1.45
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	10	0.64	0.851	1.7	0.38	0.218	0.467	0.388	0.535	1.225	1.69
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.17	0.218	0.66	0.1	0.024	0.155	0.1	0.115	0.27	0.546
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	10	0.1	0.102	0.24	0.025	0.005	0.072	0.026	0.03	0.14	0.236
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	120.	223.	560.	21.	37023.	192.414	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	2.079	2.171	2.748	1.322	0.224	0.473	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			148.253								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1982 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	11	16.	16.773	27.	4.	52.518	7.247	5.1	11.5	24.	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	11	21.	19.091	29.	0.	75.491	8.689	2.2	12.	26.	28.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	174.	183.	330.	135.	3127.273	55.922	135.	142.25	206.75	301.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	10	5.1	5.38	11.	2.	5.762	2.4	2.13	3.975	6.1	10.6
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	11	7.6	8.336	10.8	6.3	2.201	1.483	6.42	7.	9.5	10.68
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	11	1.6	1.691	2.7	0.9	0.393	0.627	0.9	1.1	2.2	2.66
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	11	5.5	5.473	5.9	4.8	0.102	0.32	4.84	5.4	5.6	5.88
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	11	5.5	5.345	5.9	4.8	0.12	0.347	4.84	5.4	5.6	5.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	11	3.162	4.518	15.849	1.259	19.554	4.422	1.324	2.512	3.981	14.679
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	11	4.9	4.818	5.4	4.2	0.144	0.379	4.26	4.5	5.2	5.38
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	11	4.9	4.678	5.4	4.2	0.165	0.407	4.26	4.5	5.2	5.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	11	12.589	20.999	63.096	3.981	308.497	17.564	4.187	6.31	31.623	56.801
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	11	1.	0.864	2.	0.	0.455	0.674	0.	0.5	1.	2.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	10	0.18	0.2	0.59	0.025	0.032	0.179	0.025	0.044	0.285	0.57
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	11	0.64	0.708	1.2	0.3	0.088	0.297	0.316	0.45	1.	1.18
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.15	0.174	0.32	0.11	0.004	0.065	0.11	0.13	0.2	0.308
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11	0.12	0.145	0.3	0.06	0.005	0.072	0.064	0.1	0.18	0.288
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	5	95.	259.4	960.	40.	155246.8	394.014	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	5	1.978	2.091	2.982	1.602	0.299	0.546	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.262								

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### Annual Analysis for 1983 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	16.5	17.292	26.	8.	34.794	5.899	8.6	13.125	23.75	25.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	18.5	20.167	32.5	6.	59.424	7.709	8.1	14.875	25.875	32.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	182.	198.273	404.	129.	5730.818	75.702	131.	150.	213.	370.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	3.25	3.825	8.	1.7	3.998	2.	1.79	2.2	5.625	7.52
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.4	8.45	11.	7.2	1.408	1.187	7.2	7.275	9.15	10.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.45	1.483	2.6	0.5	0.434	0.659	0.59	0.925	2.125	2.48
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.65	5.617	6.	5.2	0.047	0.217	5.26	5.425	5.775	5.94
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.647	5.566	6.	5.2	0.05	0.223	5.26	5.425	5.775	5.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	2.254	2.718	6.31	1.	2.133	1.46	1.175	1.687	3.776	5.611
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.05	5.058	6.	4.	0.439	0.663	4.12	4.425	5.65	5.97
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.047	4.665	6.	4.	0.608	0.78	4.12	4.425	5.65	5.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	8.972	21.643	100.	1.	830.582	28.82	1.078	2.287	37.764	81.943

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### Annual Analysis for 1983 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	2.	2.25	8.	0.	5.841	2.417	0.	0.	3.	7.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	9 ##	0.025	0.044	0.11	0.025	0.001	0.032	0.025	0.025	0.07	0.11
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	07/06/76-07/01/97	10	0.39	0.473	1.03	0.18	0.066	0.256	0.187	0.265	0.623	0.993
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.12	0.129	0.23	0.05	0.002	0.046	0.062	0.11	0.13	0.222
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	10	0.085	0.288	2.2	0.01	0.454	0.674	0.01	0.025	0.145	1.996
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	4	60.	61.25	84.	41.	526.25	22.94	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	4	1.758	1.763	1.924	1.613	0.028	0.168	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			57.956								

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### Annual Analysis for 1984 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	20.	18.083	26.	9.	36.129	6.011	9.15	11.75	23.	25.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	11	20.	20.682	32.5	9.	45.164	6.72	10.	14.5	26.	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	7	292.	269.	316.	179.	2256.333	47.501	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	5.	7.433	17.	1.	30.39	5.513	1.15	4.	13.	16.7
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	7.4	7.567	9.8	5.3	2.553	1.598	5.42	6.05	9.3	9.77
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.8	1.983	4.4	0.9	0.88	0.938	0.93	1.325	2.4	3.86
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.792	7.	5.2	0.23	0.48	5.26	5.4	6.	6.7
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.8	5.622	7.	5.2	0.262	0.511	5.26	5.4	6.	6.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.585	2.39	6.31	0.1	3.438	1.854	0.37	1.	3.981	5.611
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.6	5.458	6.	4.4	0.19	0.436	4.55	5.325	5.7	5.94
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.6	5.182	6.	4.4	0.273	0.523	4.55	5.325	5.7	5.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	2.512	6.581	39.811	1.	118.964	10.907	1.175	1.995	4.754	31.644
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.5	3.275	6.	0.	3.671	1.916	0.09	2.	5.	5.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12	0.09	0.108	0.43	0.025	0.011	0.106	0.025	0.055	0.115	0.337
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.62	0.683	1.14	0.34	0.065	0.255	0.364	0.473	0.86	1.122
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.11	0.144	0.43	0.05	0.01	0.101	0.056	0.09	0.183	0.358
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12	0.05	0.072	0.23	0.025	0.004	0.061	0.025	0.031	0.07	0.209
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	130.	443.75	2700.	52.	834584.5	913.556	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	8	2.109	2.202	3.431	1.716	0.3	0.548	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			159.286								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

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### Annual Analysis for 1985 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	19.	18.	25.	7.5	27.545	5.248	9.3	14.	23.125	24.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	24.	21.417	32.	7.5	62.402	7.899	8.85	13.625	27.5	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	4	165.	195.75	319.	134.	7060.917	84.029	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	2.75	3.117	6.3	1.5	2.816	1.678	1.5	1.6	4.875	5.97
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	7.75	7.95	10.5	5.5	2.094	1.447	5.86	6.85	9.425	10.23
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.4	1.458	2.6	0.9	0.263	0.512	0.9	1.025	1.75	2.45
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.75	5.692	7.1	4.9	0.328	0.573	4.93	5.275	5.9	6.77
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.747	5.436	7.1	4.9	0.399	0.632	4.93	5.275	5.9	6.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.79	3.665	12.589	0.079	15.477	3.934	0.356	1.259	5.523	11.812
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.65	5.608	6.	4.8	0.135	0.368	4.92	5.4	5.9	6.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.647	5.44	6.	4.8	0.166	0.408	4.92	5.4	5.9	6.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	2.254	3.631	15.849	1.	17.415	4.173	1.	1.259	3.981	12.987
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	11	3.	3.	5.	1.	1.6	1.265	1.2	2.	4.	4.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12	0.055	0.084	0.19	0.025	0.005	0.069	0.025	0.025	0.158	0.19

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1985 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.38	0.533	1.23	0.23	0.104	0.323	0.233	0.303	0.785	1.146
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.15	0.186	0.54	0.07	0.014	0.12	0.082	0.128	0.188	0.453
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12 ##	0.025	0.036	0.11	0.025	0.001	0.027	0.025	0.025	0.025	0.098
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	100.	152.143	390.	37.	20522.81	143.258	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	2.	2.016	2.591	1.568	0.167	0.408	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			103.856								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1986 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	14.25	16.833	27.	6.5	44.106	6.641	7.7	11.875	22.5	26.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	20.25	20.875	35.	10.	78.142	8.84	10.6	12.125	28.875	34.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	138.	153.364	298.	108.	2646.055	51.44	110.8	129.	169.	272.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	3.65	4.267	8.5	2.5	3.533	1.88	2.65	3.	4.8	8.2
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.5	8.308	11.2	6.6	1.904	1.38	6.66	7.025	9.2	10.66
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.45	1.875	5.2	0.7	1.762	1.327	0.76	1.	1.975	4.78
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.825	5.804	6.2	5.25	0.068	0.261	5.355	5.613	6.	6.14
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.819	5.726	6.2	5.25	0.075	0.273	5.355	5.613	6.	6.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.519	1.879	5.623	0.631	1.819	1.349	0.742	1.	2.444	4.69
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.95	5.8	6.6	5.1	0.196	0.443	5.13	5.425	6.075	6.48
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.947	5.604	6.6	5.1	0.238	0.488	5.13	5.425	6.075	6.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	1.129	2.487	7.943	0.251	6.048	2.459	0.365	0.846	3.776	7.453
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.5	4.667	16.	2.	16.424	4.053	2.	2.	5.75	13.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.025	0.074	0.32	0.025	0.008	0.09	0.025	0.025	0.09	0.278
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.38	0.538	2.3	0.19	0.33	0.575	0.193	0.265	0.475	1.835
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.17	0.174	0.25	0.08	0.002	0.047	0.098	0.145	0.198	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12 ##	0.025	0.025	0.03	0.02	0.	0.002	0.022	0.025	0.025	0.029
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	7	100.	109.429	260.	24.	6074.286	77.938	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	7	2.	1.94	2.415	1.38	0.11	0.332	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			87.108								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1987 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	11	14.	16.182	26.	7.	50.264	7.09	7.4	9.5	24.5	25.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	11	21.	20.136	33.	9.	71.305	8.444	9.	10.	28.	32.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	176.	194.25	334.	109.	4576.932	67.653	119.5	148.5	230.25	326.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	11	4.1	4.991	14.	3.1	9.341	3.056	3.18	3.5	5.	12.22
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	11	9.4	9.064	12.6	5.3	5.287	2.299	5.62	7.	10.8	12.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	11	1.5	1.273	1.7	0.4	0.176	0.42	0.46	1.1	1.6	1.68
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	11	5.9	5.877	6.8	5.	0.253	0.503	5.06	5.7	6.2	6.74
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	11	5.9	5.632	6.8	5.	0.319	0.565	5.06	5.7	6.2	6.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	11	1.259	2.333	10.	0.158	8.165	2.857	0.19	0.631	1.995	9.002
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	11	5.5	5.382	6.2	4.2	0.358	0.598	4.26	5.1	5.8	6.14
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	11	5.5	4.951	6.2	4.2	0.561	0.749	4.26	5.1	5.8	6.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	11	3.162	11.185	63.096	0.631	373.591	19.328	0.757	1.585	7.943	56.801
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	11	2.	2.455	5.	0.	2.873	1.695	0.	1.	4.	4.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025

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### Annual Analysis for 1987 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.355	0.33	0.53	0.15	0.015	0.124	0.156	0.198	0.425	0.506
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.16	0.151	0.24	0.01	0.004	0.065	0.025	0.125	0.195	0.234
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12 ##	0.025	0.027	0.05	0.025	0.	0.007	0.025	0.025	0.025	0.043
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	82.	129.455	410.	24.	12172.873	110.331	31.6	64.	150.	376.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	1.914	1.994	2.613	1.38	0.11	0.332	1.463	1.806	2.176	2.566
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			98.713								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1988 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	17.5	17.525	28.	5.3	49.598	7.043	6.71	11.5	24.5	27.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	23.	20.292	34.5	1.	114.384	10.695	2.8	9.75	29.5	33.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	162.	191.667	414.	106.	8881.697	94.243	107.2	132.	207.	393.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	7.15	7.667	22.	2.9	27.135	5.209	3.11	3.75	9.5	18.7
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	8.65	8.392	11.	5.9	2.954	1.719	6.02	6.75	9.675	10.94
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.1	1.417	2.2	0.8	0.314	0.561	0.83	1.	2.1	2.2
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.725	5.738	7.6	2.5	1.618	1.272	3.205	5.375	6.425	7.45
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.719	3.575	7.6	2.5	6.719	2.592	3.205	5.375	6.425	7.45
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	1.912	266.002	3162.278	0.025	831923.827	912.099	0.041	0.395	4.387	2217.832
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	6.2	6.083	7.6	4.8	0.545	0.738	4.83	5.7	6.375	7.27
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	6.2	5.528	7.6	4.8	0.882	0.939	4.83	5.7	6.375	7.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	0.631	2.965	15.849	0.025	28.493	5.338	0.112	0.424	2.134	14.871
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	6.5	11.083	40.	1.	120.992	11.	1.3	3.5	16.75	34.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12	0.085	0.076	0.13	0.025	0.001	0.031	0.025	0.053	0.098	0.121
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.375	0.377	0.76	0.025	0.035	0.186	0.09	0.255	0.455	0.712
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.155	0.157	0.24	0.05	0.002	0.049	0.071	0.133	0.195	0.231
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11 ##	0.025	0.04	0.08	0.025	0.	0.021	0.025	0.025	0.06	0.078
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	11	78.	102.273	230.	29.	4798.218	69.269	31.2	42.	180.	224.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	11	1.892	1.919	2.362	1.462	0.088	0.297	1.49	1.623	2.255	2.35
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			83.035								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1989 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	11	17.	17.773	26.	8.	33.168	5.759	9.	13.	23.	25.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	11	21.	21.091	31.	8.	55.491	7.449	9.2	16.	28.	30.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	160.	198.167	480.	122.	10405.788	102.009	125.6	135.25	202.75	428.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	11	9.4	9.782	22.	4.6	23.558	4.854	4.78	5.6	10.	20.4
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	11	7.8	7.891	11.2	5.4	2.295	1.515	5.64	6.8	8.8	10.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	11	1.4	1.491	2.2	0.7	0.191	0.437	0.76	1.3	1.9	2.16
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	11	7.	6.891	7.9	5.6	0.399	0.632	5.74	6.5	7.1	7.86
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	11	7.	6.434	7.9	5.6	0.628	0.793	5.74	6.5	7.1	7.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	11	0.1	0.368	2.512	0.013	0.526	0.725	0.014	0.079	0.316	2.11
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	11	5.9	5.873	6.1	5.3	0.058	0.241	5.38	5.7	6.1	6.1
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	11	5.9	5.799	6.1	5.3	0.064	0.253	5.38	5.7	6.1	6.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	11	1.259	1.59	5.012	0.794	1.485	1.219	0.794	0.794	1.995	4.409
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	10	3.	3.2	5.	1.	1.067	1.033	1.2	3.	4.	4.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11 ##	0.025	0.075	0.38	0.025	0.011	0.104	0.025	0.025	0.07	0.324
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	11	0.48	0.475	0.62	0.34	0.01	0.099	0.34	0.36	0.54	0.616

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### Annual Analysis for 1989 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.15	0.137	0.24	0.01	0.006	0.077	0.01	0.08	0.19	0.236
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	11	0.03	0.066	0.39	0.02	0.012	0.108	0.02	0.02	0.05	0.324
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	96.	171.	580.	18.	32490.6	180.251	24.4	56.	210.	554.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	1.982	2.038	2.763	1.255	0.189	0.435	1.344	1.748	2.322	2.741
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			109.209								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1990 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	17.5	17.208	25.	10.	36.339	6.028	10.15	10.625	23.5	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	25.5	24.917	33.	15.	21.538	4.641	16.8	22.25	26.75	32.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	9	181.	197.667	280.	122.	2416.5	49.158	122.	167.	243.	280.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	8.	14.658	42.	5.	153.828	12.403	5.09	5.775	23.	39.3
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	6.95	7.792	11.4	6.6	2.415	1.554	6.6	6.725	8.775	10.95
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.55	1.483	2.2	0.5	0.256	0.506	0.65	1.1	1.95	2.17
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.75	6.546	7.8	5.1	0.908	0.953	5.175	5.55	7.4	7.68
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.725	5.802	7.8	5.1	1.511	1.229	5.175	5.55	7.4	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	0.189	1.577	7.943	0.016	6.173	2.485	0.023	0.04	2.871	6.9
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.95	5.95	6.4	5.6	0.068	0.261	5.63	5.7	6.175	6.37
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.947	5.884	6.4	5.6	0.073	0.27	5.63	5.7	6.175	6.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	1.129	1.306	2.512	0.398	0.485	0.696	0.429	0.672	1.995	2.357
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	4.5	12.925	80.	0.1	482.031	21.955	0.67	2.25	13.5	62.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.038	0.063	0.15	0.025	0.002	0.05	0.025	0.025	0.118	0.147
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.4	0.438	0.72	0.21	0.023	0.151	0.213	0.363	0.57	0.684
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.17	0.185	0.26	0.12	0.002	0.045	0.129	0.15	0.218	0.26
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12	0.03	0.033	0.07	0.02	0.	0.014	0.02	0.023	0.038	0.064
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	11	96.	227.273	780.	37.	56942.418	238.626	38.	50.	440.	714.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	11	1.982	2.136	2.892	1.568	0.216	0.465	1.579	1.699	2.643	2.844
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			136.662								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1991 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	18.5	17.958	27.	10.5	36.884	6.073	10.5	11.625	23.875	26.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	23.5	23.917	38.	11.	63.356	7.96	12.2	18.25	27.	37.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	212.	238.182	378.	158.	5234.964	72.353	161.6	187.	291.	372.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	9.7	11.133	20.	4.7	21.746	4.663	5.39	7.675	15.25	19.1
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	6.9	7.508	11.2	5.3	3.75	1.936	5.36	6.1	9.4	10.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	0.9	1.058	1.8	0.5	0.148	0.385	0.59	0.8	1.4	1.74
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.475	5.642	6.9	4.95	0.437	0.661	4.98	5.1	6.038	6.855
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	5.474	5.348	6.9	4.95	0.531	0.729	4.98	5.1	6.037	6.855
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	3.355	4.492	11.22	0.126	15.206	3.9	0.141	0.949	7.943	10.528
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	12	5.9	5.875	6.2	5.3	0.077	0.277	5.36	5.725	6.1	6.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	12	5.9	5.785	6.2	5.3	0.086	0.292	5.36	5.725	6.1	6.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	12	1.259	1.642	5.012	0.631	1.635	1.279	0.631	0.794	1.893	4.457
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.5	3.5	5.	2.	0.636	0.798	2.3	3.	4.	4.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.025	0.041	0.08	0.025	0.	0.021	0.025	0.025	0.06	0.077
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.375	0.358	0.68	0.05	0.051	0.225	0.05	0.128	0.563	0.665
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.15	0.157	0.26	0.07	0.004	0.063	0.076	0.105	0.225	0.254

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### Annual Analysis for 1991 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12	0.03	0.028	0.05	0.01	0.	0.015	0.01	0.01	0.047
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	10	115.	114.4	230.	52.	2850.267	53.388	52.6	64.75	222.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	10	2.06	2.016	2.362	1.716	0.041	0.203	1.721	1.81	2.343
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		103.836								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

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### Annual Analysis for 1992 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	13	13.5	16.231	26.5	8.	43.734	6.613	8.4	10.75	23.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	13	16.	19.654	34.	7.	82.474	9.082	7.8	12.	29.25
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	7.8	9.45	19.	3.8	24.065	4.906	3.86	5.575	13.75
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	13	8.6	8.308	10.6	6.1	2.349	1.533	6.1	6.7	9.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.75	2.192	5.9	1.	1.812	1.346	1.	1.375	2.525
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	13	5.95	6.138	7.2	5.6	0.219	0.468	5.6	5.85	6.35
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	13	5.95	5.974	7.2	5.6	0.248	0.498	5.6	5.85	6.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	13	1.122	1.062	2.512	0.063	0.608	0.78	0.094	0.474	1.413
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	9	6.	6.011	6.2	5.8	0.019	0.136	5.8	5.9	6.15
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	9	6.	5.992	6.2	5.8	0.019	0.138	5.8	5.9	6.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	9	1.	1.018	1.585	0.631	0.099	0.314	0.631	0.713	1.259
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	11	4.	3.636	6.	2.	1.055	1.027	2.2	3.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	7	7.	6.	12.	2.	12.667	3.559	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.395	0.344	0.62	0.05	0.037	0.192	0.065	0.155	0.498
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.165	0.178	0.28	0.07	0.003	0.057	0.088	0.153	0.225
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12	0.03	0.031	0.06	0.01	0.	0.014	0.01	0.02	0.04
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	110.	836.714	5000.	68.	3379456.905	1838.33	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	7	2.041	2.309	3.699	1.833	0.436	0.661	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		203.498								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1993 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	20.	17.917	27.	8.	50.538	7.109	8.	10.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	20.5	21.75	35.	9.	66.932	8.181	10.5	14.5	28.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	11	181.	185.182	256.	129.	1322.164	36.362	134.	157.	250.
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	7.6	7.583	10.	4.2	3.563	1.888	4.5	6.175	9.525
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	7.15	7.842	10.7	6.	2.948	1.717	6.03	6.55	9.55
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	11	1.4	1.7	4.	1.	0.732	0.856	1.	1.2	2.
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.625	6.512	6.85	5.7	0.108	0.329	5.835	6.338	6.738
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.624	6.361	6.85	5.7	0.133	0.365	5.835	6.337	6.737
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	0.238	0.436	1.995	0.141	0.268	0.518	0.146	0.183	0.465
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.	3.417	5.	3.	0.447	0.669	3.	3.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	10	5.5	6.4	12.	3.	11.378	3.373	3.	3.75	9.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.365	0.408	0.89	0.1	0.058	0.241	0.127	0.205	0.618
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.185	0.191	0.26	0.13	0.002	0.041	0.136	0.16	0.23
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12 ##	0.01	0.018	0.04	0.01	0.	0.013	0.01	0.01	0.035
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	120.	106.636	160.	30.	1638.055	40.473	34.4	81.	130.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	11	2.079	1.987	2.204	1.477	0.048	0.218	1.525	1.908	2.114

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### Annual Analysis for 1993 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			97.139								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1994 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	13	18.	16.4	26.	6.	48.93	6.995	6.6	9.85	22.25	25.6
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	13	23.	20.	32.	0.	114.5	10.7	1.2	12.	29.5	31.6
00061 FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	12	231.	219.333	271.	162.	1510.606	38.867	164.4	181.75	252.75	269.8
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	13	7.8	8.531	20.	3.3	22.007	4.691	3.58	5.4	9.2	18.4
00300p OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	13	7.7	8.1	11.4	5.7	3.09	1.758	5.94	6.75	9.5	11.08
00310p BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	13	1.3	1.331	2.	0.8	0.137	0.371	0.88	1.	1.7	1.92
00400p PH (STANDARD UNITS)	10/10/68-06/11/97	13	6.2	6.152	6.9	5.2	0.338	0.581	5.3	5.545	6.745	6.88
00400p CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	13	6.2	5.822	6.9	5.2	0.456	0.675	5.3	5.545	6.745	6.88
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	13	0.631	1.507	6.31	0.126	3.492	1.869	0.132	0.184	2.851	5.205
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.	3.333	4.	2.	0.424	0.651	2.3	3.	4.	4.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	13	6.	7.846	27.	3.	44.808	6.694	3.	3.5	10.5	21.8
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	13	0.37	0.387	0.59	0.05	0.019	0.138	0.146	0.325	0.485	0.578
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	13	0.19	0.192	0.27	0.1	0.002	0.048	0.112	0.16	0.225	0.266
00665p PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	13	0.03	0.029	0.06	0.01	0.	0.017	0.01	0.015	0.045	0.056
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	12	225.	224.667	520.	16.	37051.333	192.487	20.5	48.25	440.	514.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	12	2.352	2.126	2.716	1.204	0.275	0.525	1.29	1.683	2.633	2.711
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			133.64								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1995 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	11	17.	18.591	26.5	11.	29.091	5.394	11.1	15.	24.5	26.2
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	11	24.	24.273	31.	16.	25.218	5.022	16.4	21.	28.	31.
00076p TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	7.25	8.975	18.	4.3	16.189	4.024	4.6	5.925	12.	16.2
00300p OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	11	8.5	8.3	9.9	6.4	1.062	1.031	6.54	7.2	8.9	9.8
00310p BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.4	1.342	2.4	0.2	0.334	0.578	0.35	0.9	1.75	2.22
00400p PH (STANDARD UNITS)	10/10/68-06/11/97	11	6.03	6.065	7.28	5.4	0.345	0.588	5.42	5.5	6.34	7.176
00400p CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	11	6.03	5.81	7.28	5.4	0.417	0.646	5.42	5.5	6.34	7.176
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	11	0.933	1.547	3.981	0.052	1.922	1.386	0.077	0.457	3.162	3.817
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	3.	2.833	4.	2.	0.697	0.835	2.	2.	3.75	4.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	12	7.	7.5	18.	4.	15.	3.873	4.	5.	8.5	15.9
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	12 ##	0.025	0.03	0.08	0.025	0.	0.016	0.025	0.025	0.025	0.064
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.445	0.418	0.84	0.05	0.049	0.222	0.098	0.24	0.505	0.807
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	11	0.21	0.207	0.32	0.05	0.005	0.068	0.072	0.18	0.25	0.308
00665p PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12	0.02	0.026	0.06	0.01	0.	0.016	0.01	0.013	0.03	0.057
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	10	115.	114.6	200.	33.	2341.6	48.39	35.1	87.75	145.	196.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/08/71-07/01/97	10	2.06	2.013	2.301	1.519	0.053	0.23	1.54	1.93	2.161	2.291
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			103.094								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Annual Analysis for 1996 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	12	17.75	17.133	25.5	5.5	47.004	6.856	6.73	10.25	24.375	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	12	22.5	22.25	31.	13.	43.841	6.621	13.3	15.75	29.5	31.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	12	6.5	8.117	20.	2.1	27.354	5.23	2.61	4.4	12.45	18.2
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	12	7.95	8.142	10.2	5.5	2.175	1.475	5.95	7.	9.775	10.17
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	12	1.35	1.375	2.1	0.7	0.164	0.405	0.73	1.2	1.6	2.04
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.18	6.323	7.62	5.7	0.267	0.517	5.76	6.008	6.503	7.407
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	12	6.18	6.142	7.62	5.7	0.303	0.55	5.76	6.007	6.503	7.407
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	12	0.661	0.721	1.995	0.024	0.297	0.545	0.054	0.318	0.983	1.774
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	12	2.5	3.917	20.	1.	27.174	5.213	1.	1.25	3.75	15.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	11	6.	9.455	33.	1.	79.073	8.892	1.4	3.	13.	29.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	11 ##	0.025	0.027	0.05	0.025	0.	0.008	0.025	0.025	0.025	0.045
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	12	0.36	0.418	1.06	0.19	0.058	0.242	0.196	0.255	0.455	0.946
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	12	0.215	0.208	0.41	0.01	0.012	0.108	0.031	0.123	0.28	0.374
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	12 ##	0.01	0.02	0.06	0.01	0.	0.018	0.01	0.01	0.028	0.057
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	10	115.	361.5	2300.	42.	488802.5	699.144	43.2	55.5	265.	2128.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	10	2.06	2.15	3.362	1.623	0.285	0.534	1.634	1.744	2.344	3.302
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.13								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

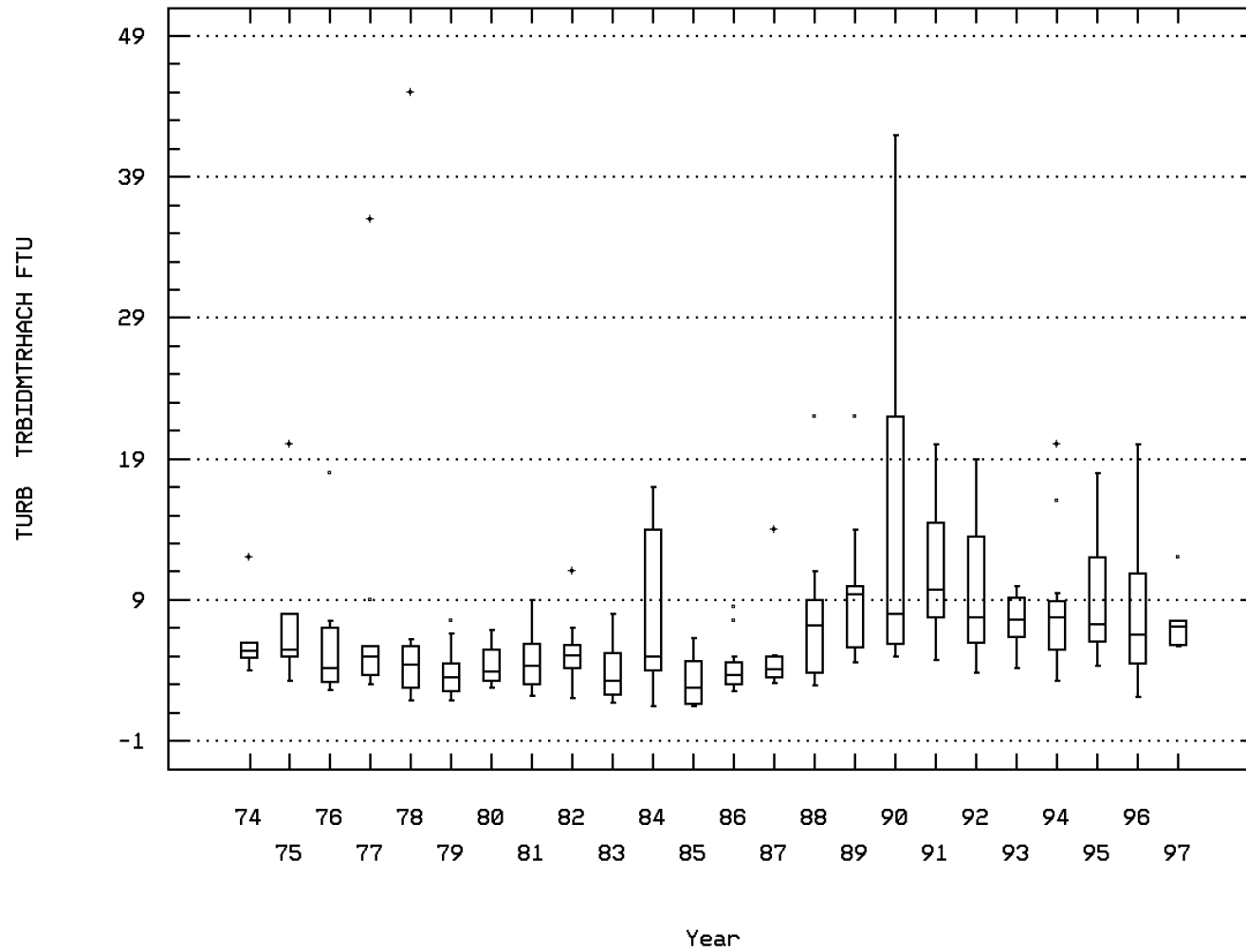
### Annual Analysis for 1997 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	6	17.25	16.567	22.5	9.5	23.687	4.867	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	6	23.5	23.	30.	14.	39.2	6.261	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	6	7.1	7.533	12.	5.7	5.355	2.314	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	6	8.2	8.633	10.4	7.7	1.099	1.048	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	7	1.5	1.757	4.4	0.5	1.556	1.247	**	**	**	**
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	6	5.925	5.937	6.75	5.25	0.301	0.549	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	6	5.869	5.696	6.75	5.25	0.371	0.609	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	6	1.352	2.014	5.623	0.178	4.245	2.06	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	7	1.	1.5	3.	0.5	0.75	0.866	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	7	7.	7.571	12.	4.	8.619	2.936	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	7 ##	0.025	0.03	0.06	0.025	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	7	0.35	0.364	0.58	0.2	0.019	0.138	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	7	0.21	0.241	0.35	0.19	0.003	0.059	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	7 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	40.	52.333	110.	39.	805.067	28.374	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	6	1.602	1.682	2.041	1.591	0.032	0.178	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.054								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0169 Parameter Code: 00076

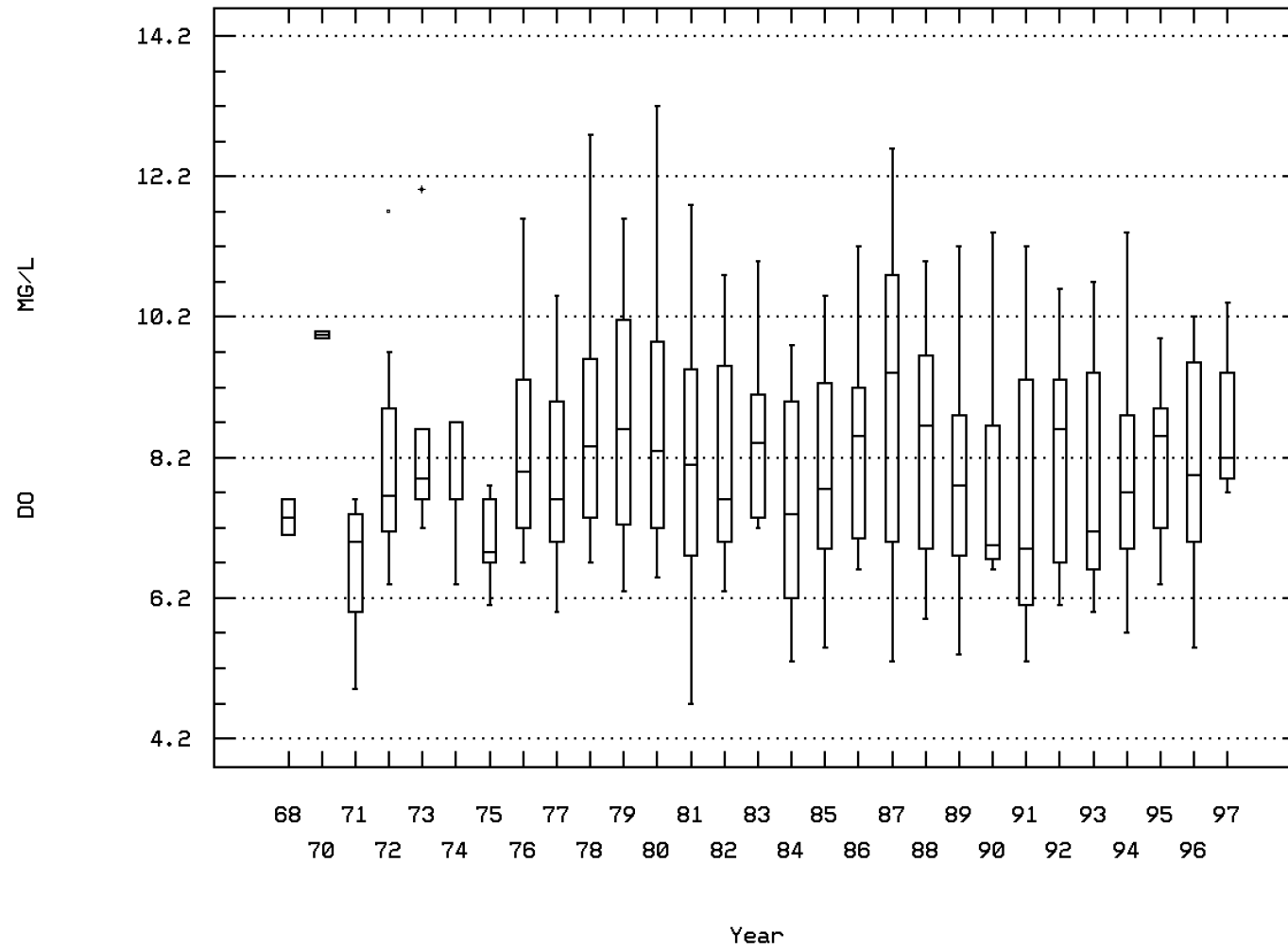
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00300

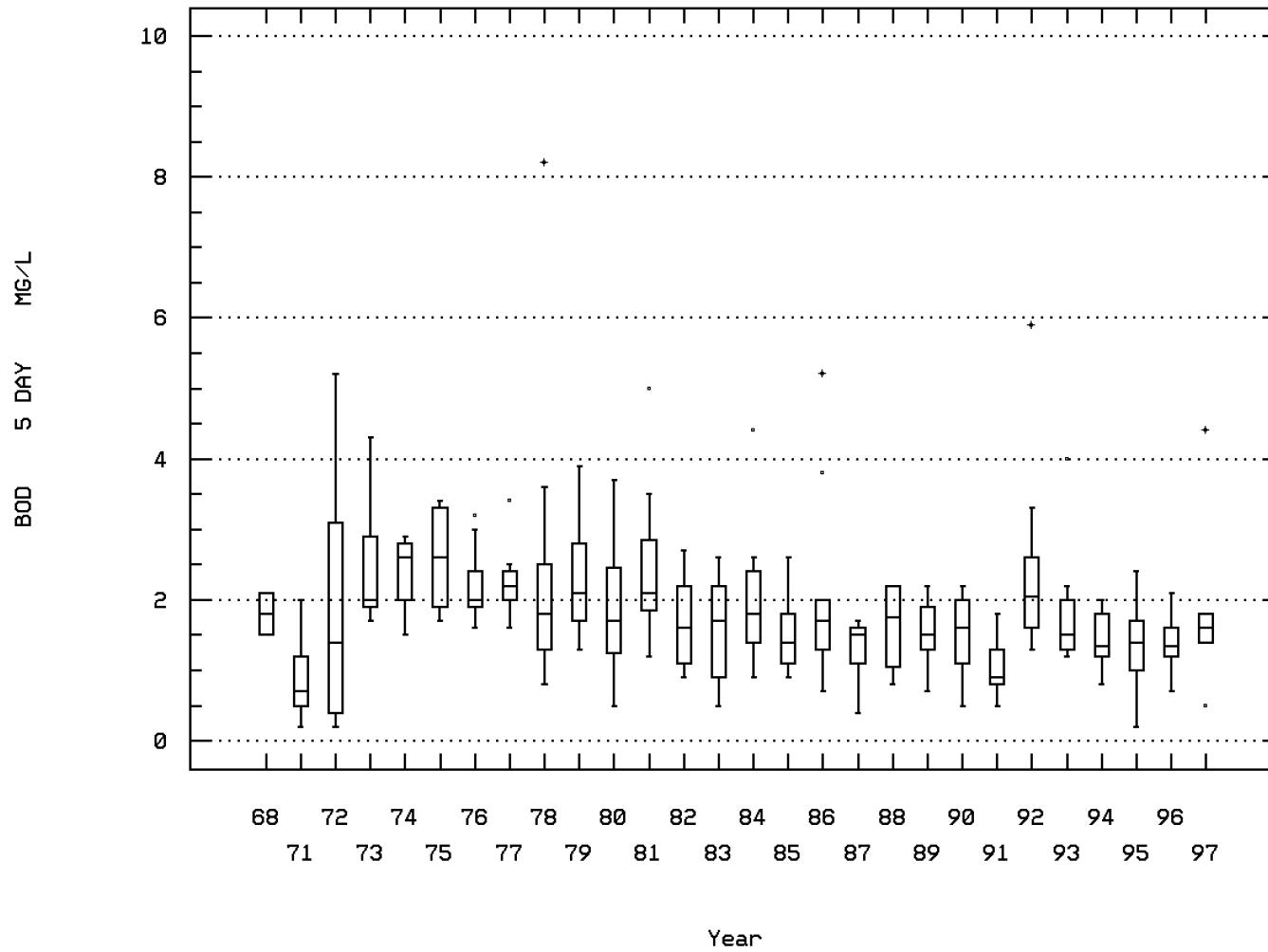
OXYGEN, DISSOLVED



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00310

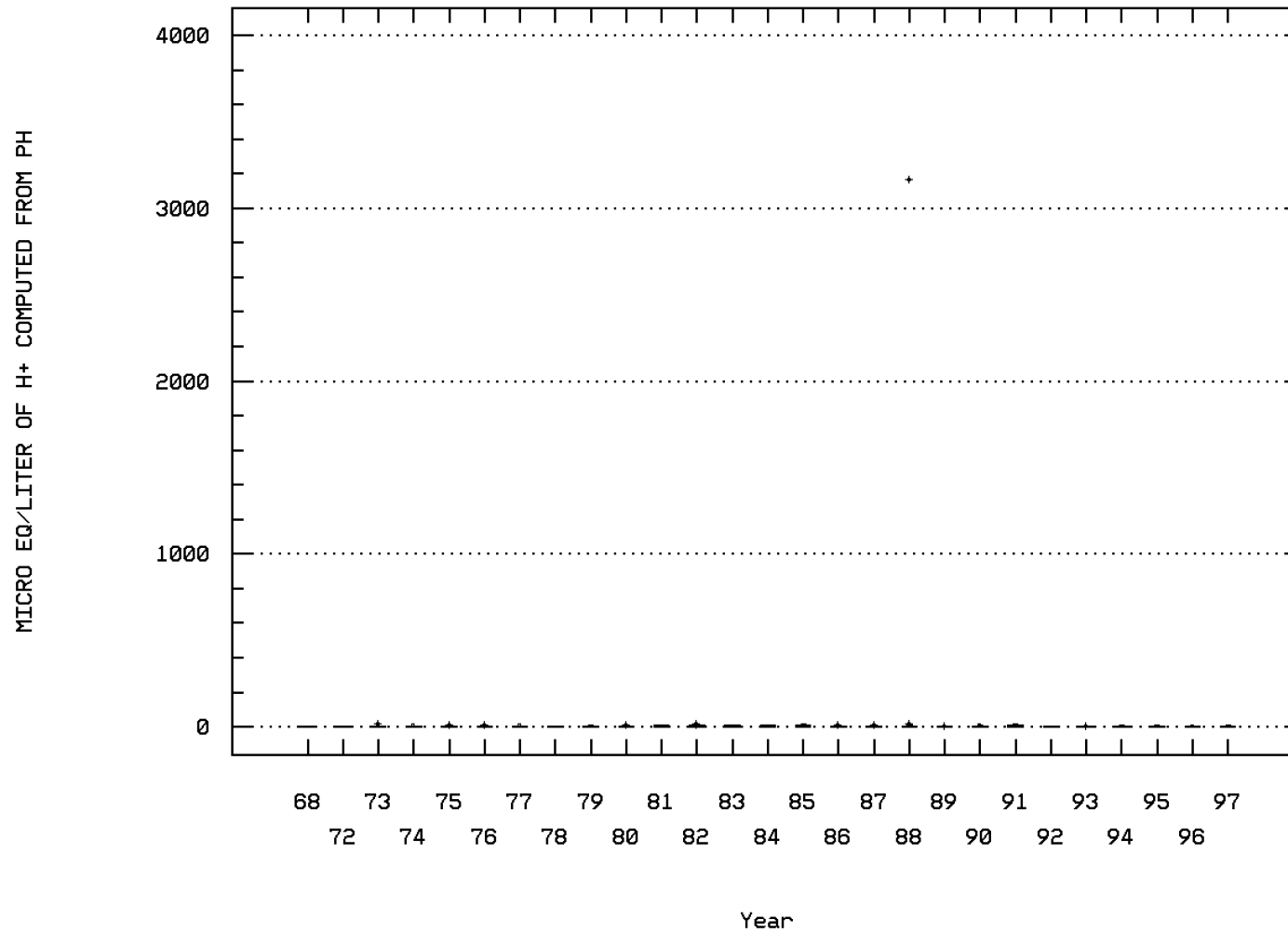
BOD, 5 DAY, 20 DEG C



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00400

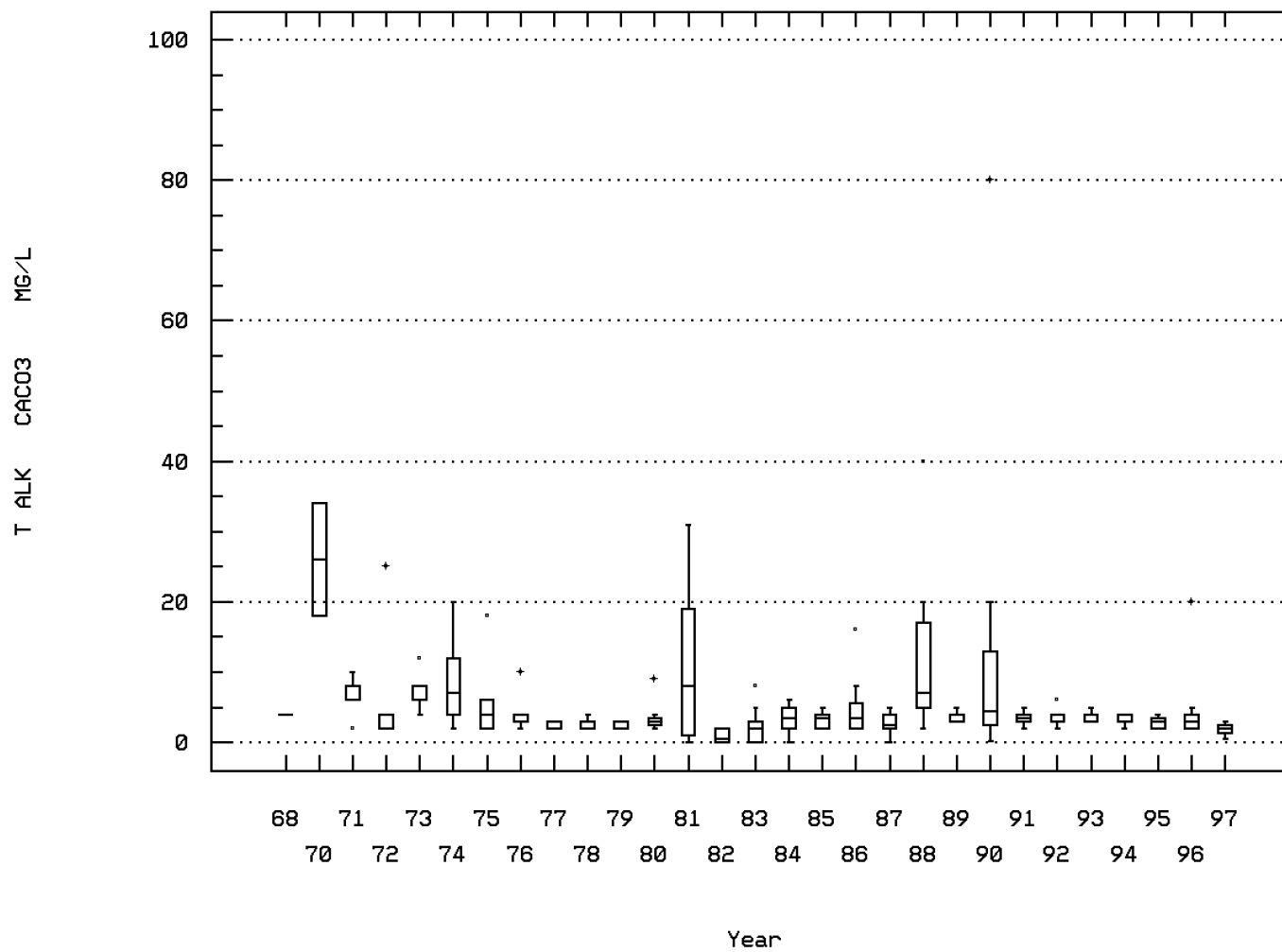
MICRO EQ/LITER OF H+ COMPUTED FROM PH



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CaCO3)

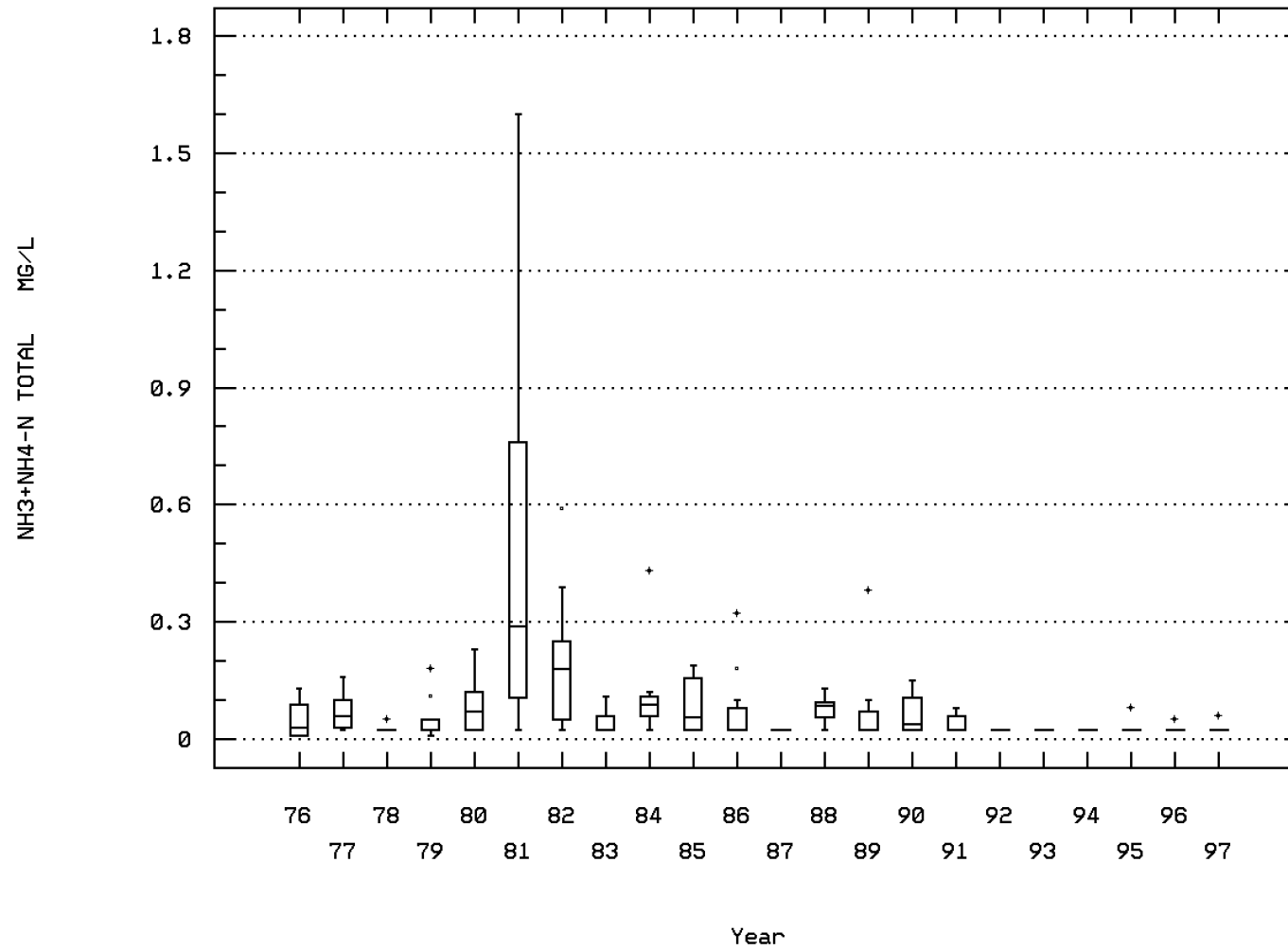


CONGAREE CK AT US 21 AT CAYCE WTR INTAK



Station: COSW0169 Parameter Code: 00610

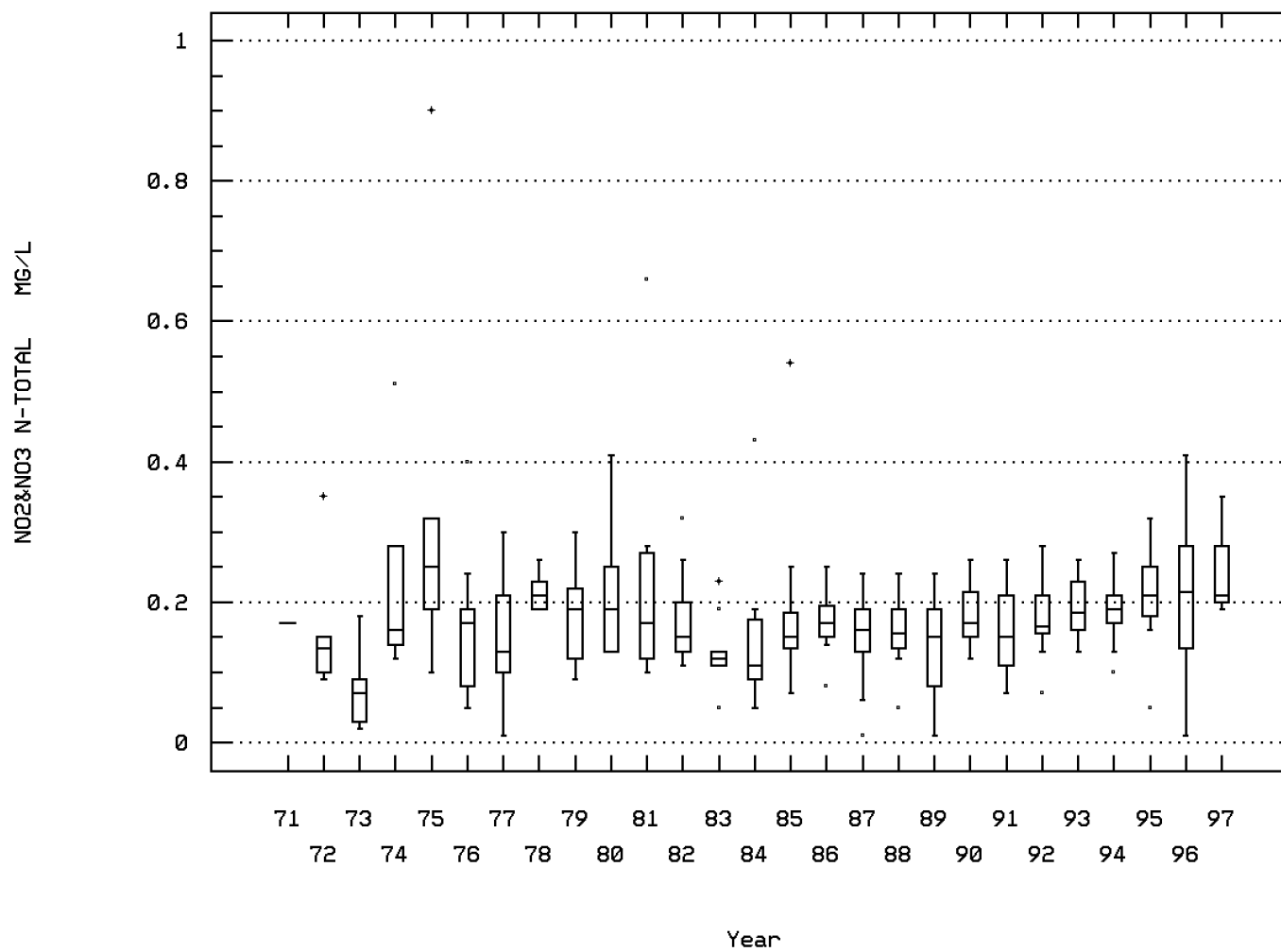
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00630

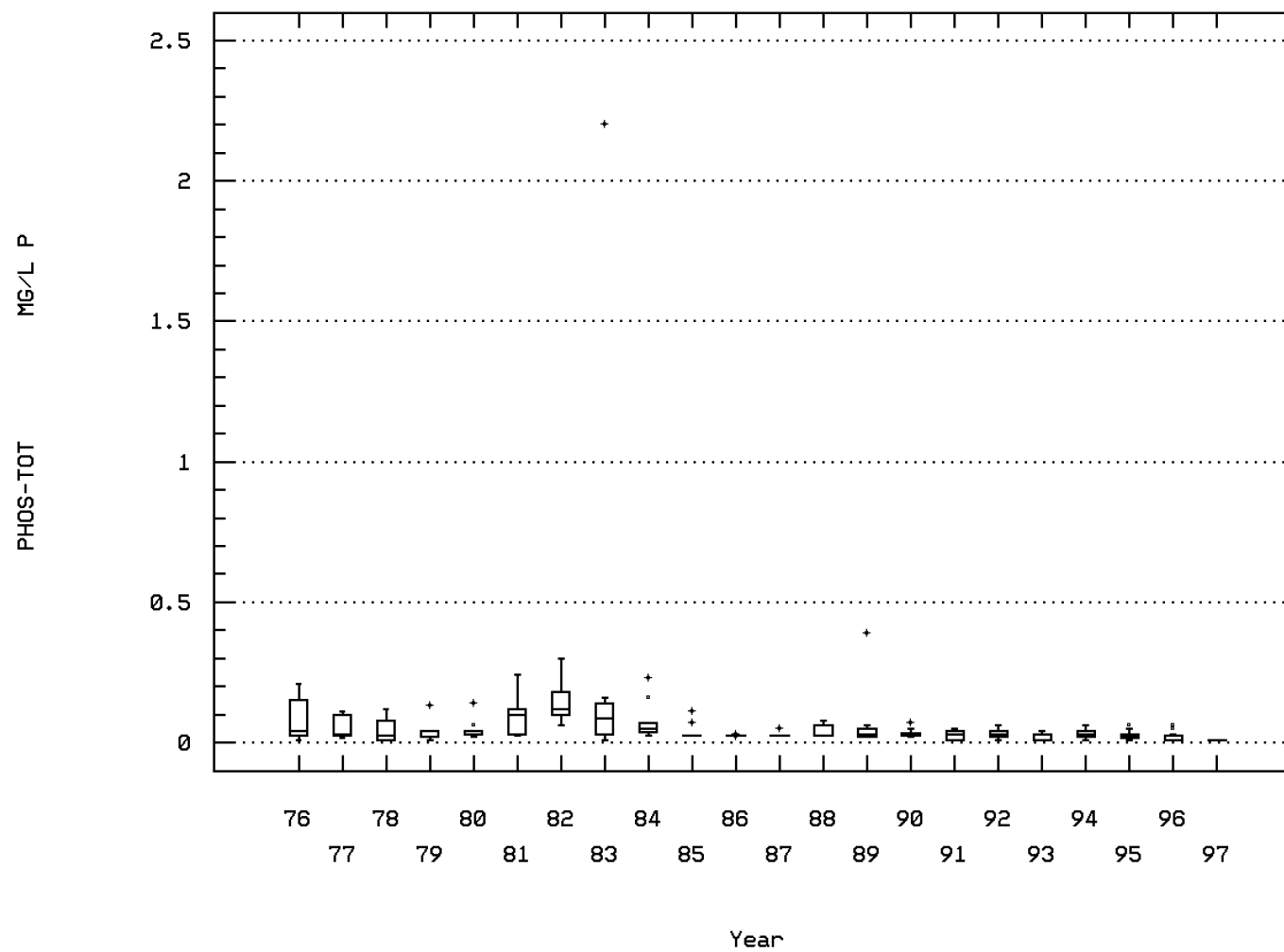
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	122	23.	21.217	29.	10.5	20.777	4.558	13.65	18.25	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	78	26.	24.917	38.	9.	39.704	6.301	14.9	21.	30.	32.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	91	164.	188.604	740.	108.	8074.331	89.857	129.	135.	199.	278.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	104	5.65	7.316	42.	1.	34.971	5.914	2.15	3.2	9.65	15.
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	18	72.5	86.389	210.	35.	2328.84	48.258	39.5	53.75	105.	183.
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	122	7.3	7.467	12.6	4.9	1.716	1.31	6.	6.675	8.125	9.27
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	118	1.6	1.835	5.9	0.2	0.943	0.971	0.89	1.2	2.2	2.9
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/09/87	18	8.	14.161	51.	2.5	208.801	14.45	2.5	4.525	21.5	42.
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	111	6.	6.043	7.8	4.8	0.366	0.605	5.4	5.6	6.35	6.848
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	111	6.	5.723	7.8	4.8	0.469	0.685	5.4	5.6	6.35	6.848
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	111	1.	1.894	15.849	0.016	6.22	2.494	0.142	0.447	2.512	3.981
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	96	5.7	5.617	7.6	4.2	0.266	0.516	4.9	5.3	5.975	6.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	96	5.7	5.292	7.6	4.2	0.372	0.61	4.9	5.3	5.975	6.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	96	1.995	5.102	63.096	0.025	80.243	8.958	0.631	1.065	5.012	12.589
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	114	3.	4.53	40.	0.	26.039	5.103	1.	2.	4.	10.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	23	7.	8.435	33.	1.	55.711	7.464	3.	4.	9.	21.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	93 ##	0.025	0.108	1.6	0.01	0.05	0.224	0.025	0.025	0.1	0.172
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	87	0.46	0.534	2.3	0.05	0.121	0.347	0.224	0.34	0.63	0.912
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	108	0.15	0.151	0.51	0.01	0.006	0.074	0.079	0.11	0.178	0.221
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	90	0.03	0.069	2.2	0.01	0.054	0.232	0.01	0.024	0.05	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/06/76-05/22/97	32	6.1	6.691	17.3	1.6	11.845	3.442	2.95	4.325	8.375	10.94
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/22/97	34 ##	5.	5.147	10.	5.	0.735	0.857	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/22/97	33 ##	25.	16.515	25.	5.	100.758	10.038	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/22/97	34 ##	25.	41.471	750.	5.	15878.075	126.008	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/22/97	33	500.	574.848	1200.	240.	50688.258	225.141	340.	400.	755.	900.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/22/97	34 ##	25.	28.382	90.	25.	154.122	12.415	25.	25.	25.	37.5
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/22/97	33	25.	24.242	60.	5.	125.189	11.189	10.	20.	25.	42.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/22/97	34 ##	25.	21.324	50.	10.	164.104	12.81	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/22/97	34 ##	25.	103.971	1800.	5.	95152.696	308.468	5.	17.5	82.5	150.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	100	110.	234.76	3300.	10.	186733.942	432.127	42.1	70.	207.5	500.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	100	2.041	2.105	3.519	1.	0.179	0.423	1.624	1.845	2.317	2.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =											
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/22/97	42 ##	0.1	0.147	0.9	0.025	0.018	0.134	0.1	0.1	0.2	0.25
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	90	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	93	10.5	10.563	18.	4.	11.391	3.375	5.7	8.	13.	14.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	75	14.5	13.967	30.	0.	39.935	6.319	6.	9.	18.	22.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	67	207.	215.821	344.	134.	2508.846	50.088	161.2	178.	242.	294.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	89	5.	7.207	45.	1.9	50.84	7.13	2.9	3.8	7.3	14.
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	3	60.	85.	140.	55.	2275.	47.697	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	93	9.6	9.63	13.2	5.3	1.791	1.338	8.28	9.	10.45	11.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	92	1.5	1.637	8.2	0.4	0.938	0.968	0.9	1.	2.	2.47
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/09/87	14	10.	9.4	20.	2.5	36.302	6.025	2.5	2.875	13.	19.5
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	90	5.875	6.058	7.8	4.85	0.484	0.696	5.205	5.5	6.663	7.09
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	90	5.874	5.661	7.8	4.85	0.643	0.802	5.205	5.5	6.663	7.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	90	1.336	2.183	14.125	0.016	7.244	2.692	0.081	0.218	3.162	6.241
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	71	5.5	5.524	7.	4.2	0.322	0.567	4.8	5.2	5.9	6.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	71	5.5	5.173	7.	4.2	0.447	0.668	4.8	5.2	5.9	6.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	71	3.162	6.716	63.096	0.1	116.988	10.816	0.631	1.259	6.31	15.849
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	93	3.	4.258	34.	0.	36.166	6.014	1.	2.	4.	7.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	21	4.	5.762	18.	2.	16.69	4.085	3.	3.	6.5	13.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	85 ##	0.025	0.055	0.43	0.01	0.005	0.072	0.025	0.025	0.06	0.118

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	85	0.35	0.414	2.63	0.025	0.118	0.344	0.1	0.24	0.515	0.742
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	88	0.23	0.22	0.41	0.01	0.005	0.068	0.129	0.19	0.26	0.282
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	86	0.025	0.042	0.18	0.01	0.002	0.04	0.01	0.02	0.05	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/06/76-05/22/97	23	4.5	4.709	8.	2.2	3.468	1.862	2.44	3.	6.	7.88
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/22/97	26 ###	5.	5.192	10.	5.	0.962	0.981	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/22/97	26 ###	25.	20.962	140.	5.	688.038	26.23	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/22/97	26 ###	25.	23.077	50.	5.	294.154	17.151	5.	5.	31.25	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/22/97	26	345.	342.308	750.	10.	19458.462	139.494	207.	250.	400.	544.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/22/97	26 ###	25.	25.962	50.	25.	24.038	4.903	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/22/97	26 ###	25.	23.654	70.	0.	203.115	14.252	10.	17.5	25.	39.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/22/97	26 ###	25.	25.577	50.	10.	232.654	15.253	10.	10.	35.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/22/97	26 ###	27.5	34.038	100.	5.	482.038	21.955	5.	23.75	50.	63.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	59	56.	90.424	450.	2.	7695.248	87.723	21.	39.	100.	230.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	59	1.748	1.792	2.653	0.301	0.156	0.395	1.322	1.591	2.	2.362
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.902								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/22/97	26 ##	0.1	0.119	0.4	0.04	0.005	0.068	0.1	0.1	0.1	0.215
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	76	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

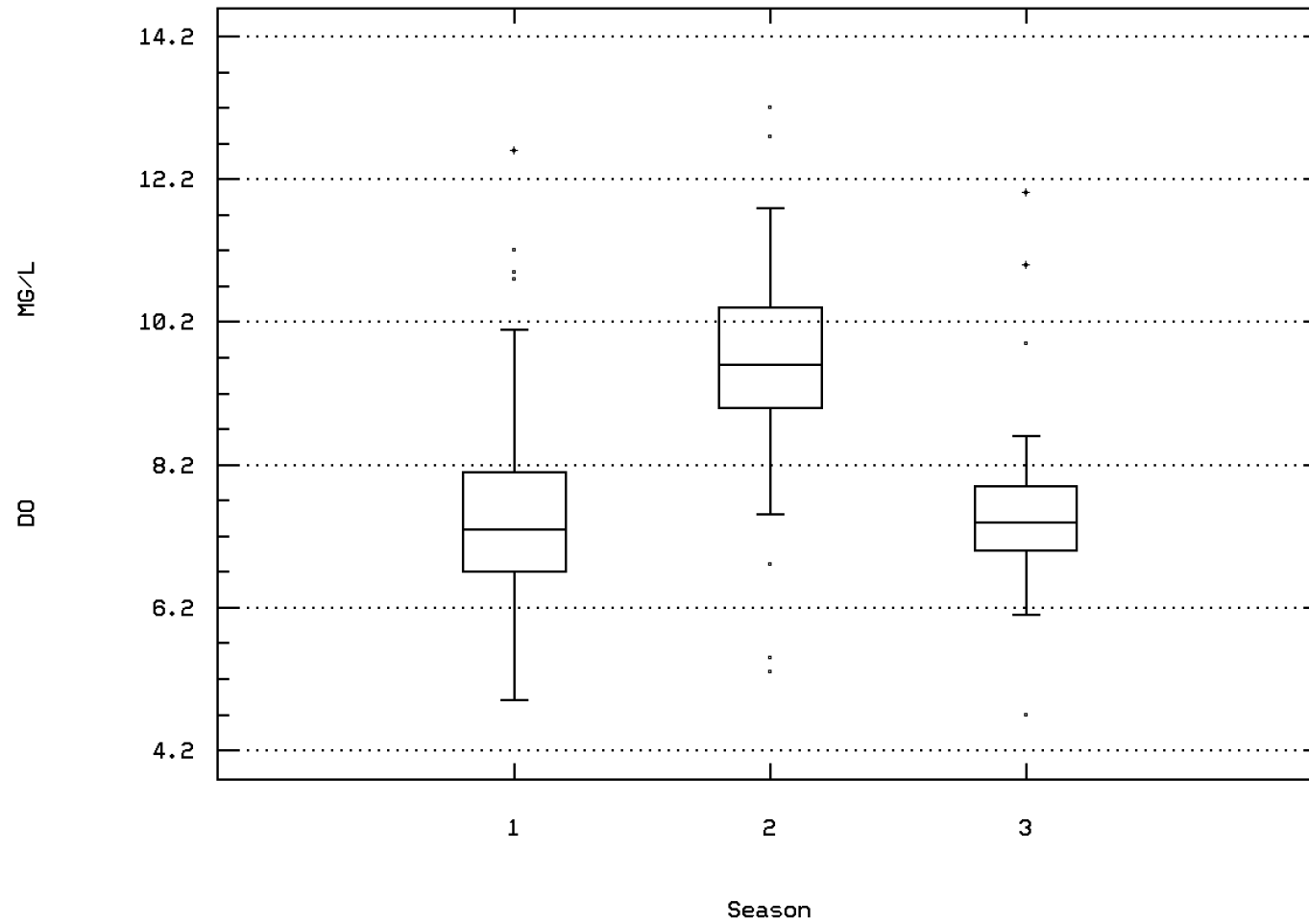
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/68-06/11/97	74	21.	20.731	27.	9.2	13.842	3.721	16.	19.	23.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/79-06/11/97	55	26.	24.873	35.	12.	30.909	5.56	17.	22.	28.	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/09/72-12/15/94	55	171.	187.818	404.	106.	3892.3	62.388	129.	140.	225.	271.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	69	6.	6.828	20.	1.6	13.811	3.716	3.5	4.35	7.85	13.
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	10	60.	64.5	120.	30.	596.944	24.432	32.	50.	76.25	116.
00300p	OXYGEN, DISSOLVED MG/L	10/10/68-06/11/97	74	7.4	7.497	12.	4.7	1.04	1.02	6.5	7.	7.925	8.45
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/10/68-07/01/97	74	1.7	1.835	5.2	0.2	0.817	0.904	0.85	1.2	2.2	3.25
00335	COD, .025N K2CR2O7 MG/L	08/29/77-11/09/87	10	9.	8.7	17.	2.5	35.011	5.917	2.5	2.5	13.75	16.9
00400p	PH (STANDARD UNITS)	10/10/68-06/11/97	71	5.9	5.925	7.9	2.5	0.48	0.693	5.22	5.6	6.25	6.832
00400p	CONVERTED PH (STANDARD UNITS)	10/10/68-06/11/97	71	5.9	4.332	7.9	2.5	3.053	1.747	5.22	5.6	6.25	6.832
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-06/11/97	71	1.259	46.531	3162.278	0.013	140671.552	375.062	0.148	0.562	2.512	6.05
00403	PH, LAB, STANDARD UNITS SU	10/10/68-09/09/92	60	5.6	5.605	6.5	4.	0.303	0.55	5.	5.3	6.	6.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/68-09/09/92	60	5.6	5.133	6.5	4.	0.53	0.728	5.	5.3	6.	6.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/68-09/09/92	60	2.512	7.365	100.	0.316	321.604	17.933	0.631	1.	5.012	10.
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/10/68-07/01/97	75	3.	4.84	80.	0.	88.731	9.42	1.6	2.	4.	6.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/09/87-07/01/97	17	7.	8.471	14.	3.	9.265	3.044	5.4	6.	11.5	12.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/76-07/01/97	59 ##	0.025	0.074	0.59	0.025	0.011	0.105	0.025	0.025	0.08	0.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/76-07/01/97	60	0.42	0.461	1.1	0.05	0.052	0.229	0.201	0.325	0.577	0.831
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	70	0.15	0.176	0.9	0.01	0.017	0.128	0.081	0.13	0.19	0.237
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-07/01/97	61	0.03	0.053	0.39	0.01	0.004	0.067	0.01	0.02	0.055	0.118
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/06/76-05/22/97	17	4.2	4.571	10.9	0.5	6.99	2.644	1.94	2.65	5.85	9.54
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/77-05/22/97	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/77-05/22/97	20 ##	25.	16.25	25.	5.	99.671	9.984	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/18/77-05/22/97	20 ##	25.	21.	50.	5.	233.158	15.27	5.	5.	25.	50.
01045	IRON, TOTAL (UG/L AS FE)	11/18/77-05/22/97	20	610.	626.5	920.	450.	18329.211	135.385	464.	500.	700.	845.
01051	LEAD, TOTAL (UG/L AS PB)	11/18/77-05/22/97	20 ##	25.	25.5	50.	10.	44.474	6.669	25.	25.	25.	25.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/18/77-05/22/97	20 ##	25.	46.5	310.	5.	6526.579	80.787	10.	12.5	25.	228.
01067	NICKEL, TOTAL (UG/L AS NI)	11/18/77-05/22/97	20 ##	25.	22.	50.	10.	195.789	13.992	10.	10.	25.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	11/18/77-05/22/97	20	25.	177.5	2000.	5.	231275.	480.911	10.	20.	50.	909.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	58	105.	258.828	5000.	15.	527639.093	726.388	36.6	56.	162.5	395.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/71-07/01/97	58	2.021	2.033	3.699	1.176	0.206	0.453	1.563	1.748	2.211	2.596
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			107.974								
71900p	MERCURY, TOTAL (UG/L AS HG)	02/04/72-05/22/97	22 ##	0.1	0.105	0.2	0.1	0.	0.021	0.1	0.1	0.1	0.1
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	61	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0169 Parameter Code: 00300

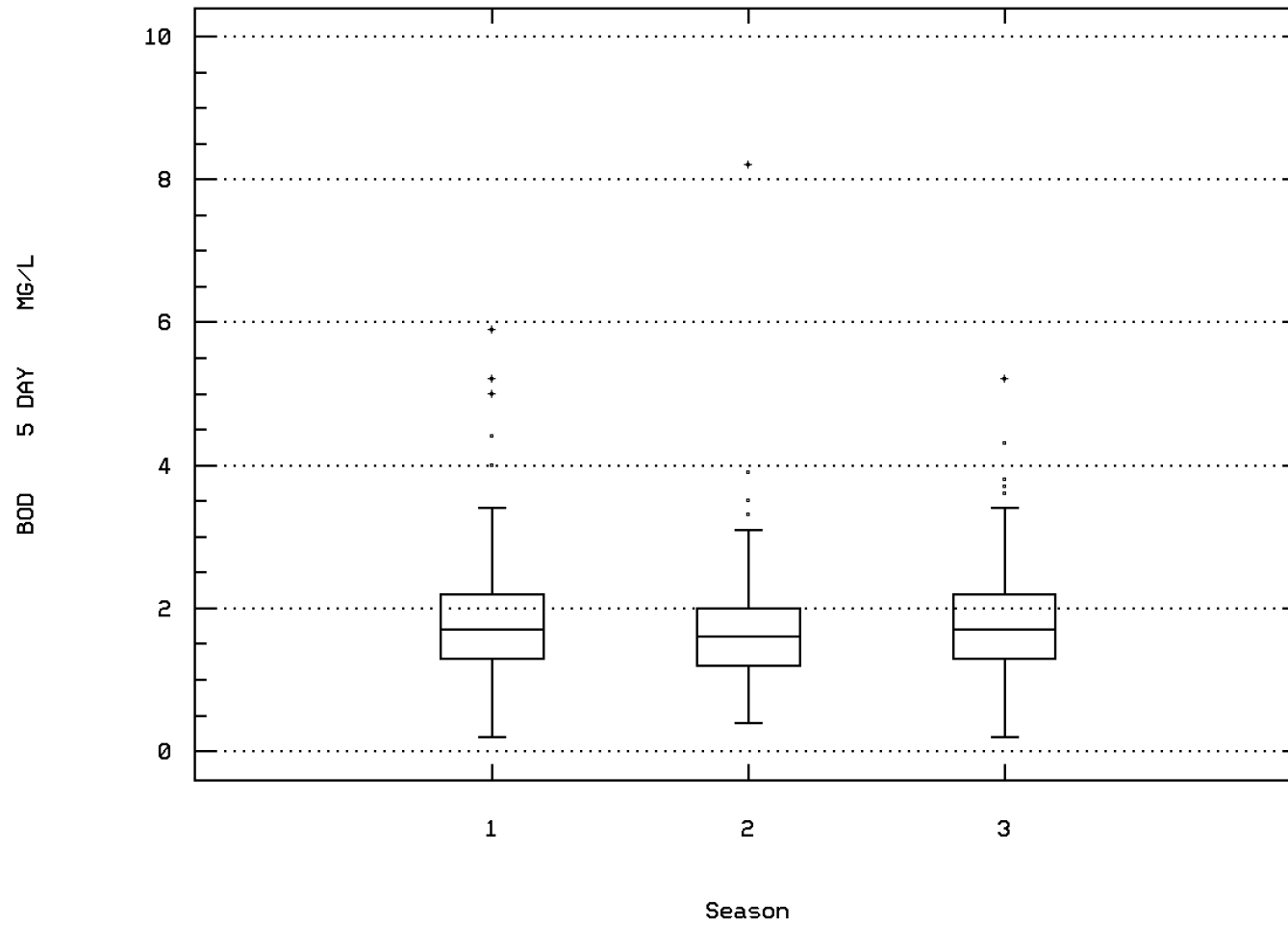
OXYGEN, DISSOLVED



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00310

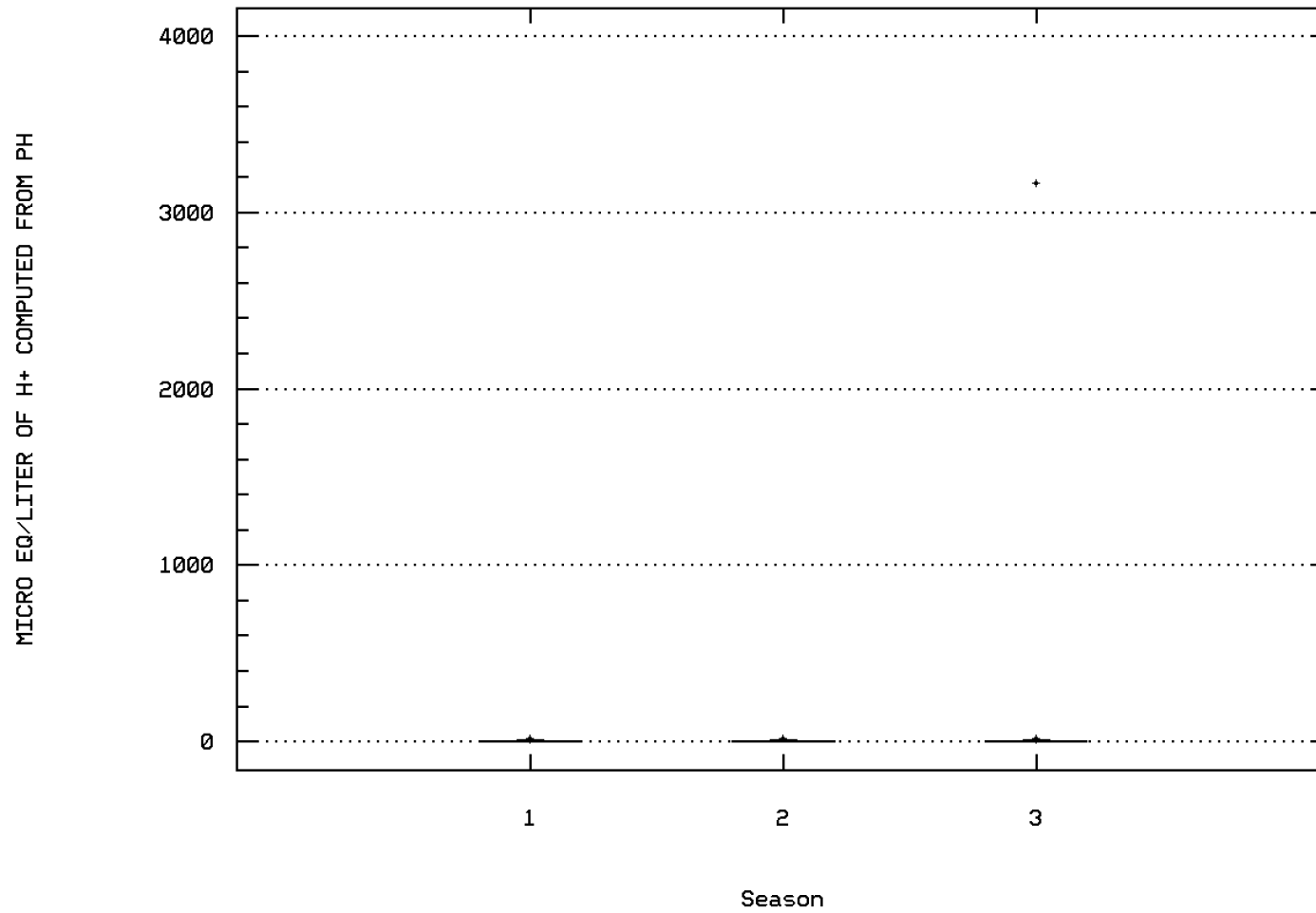
BOD, 5 DAY, 20 DEG C



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH

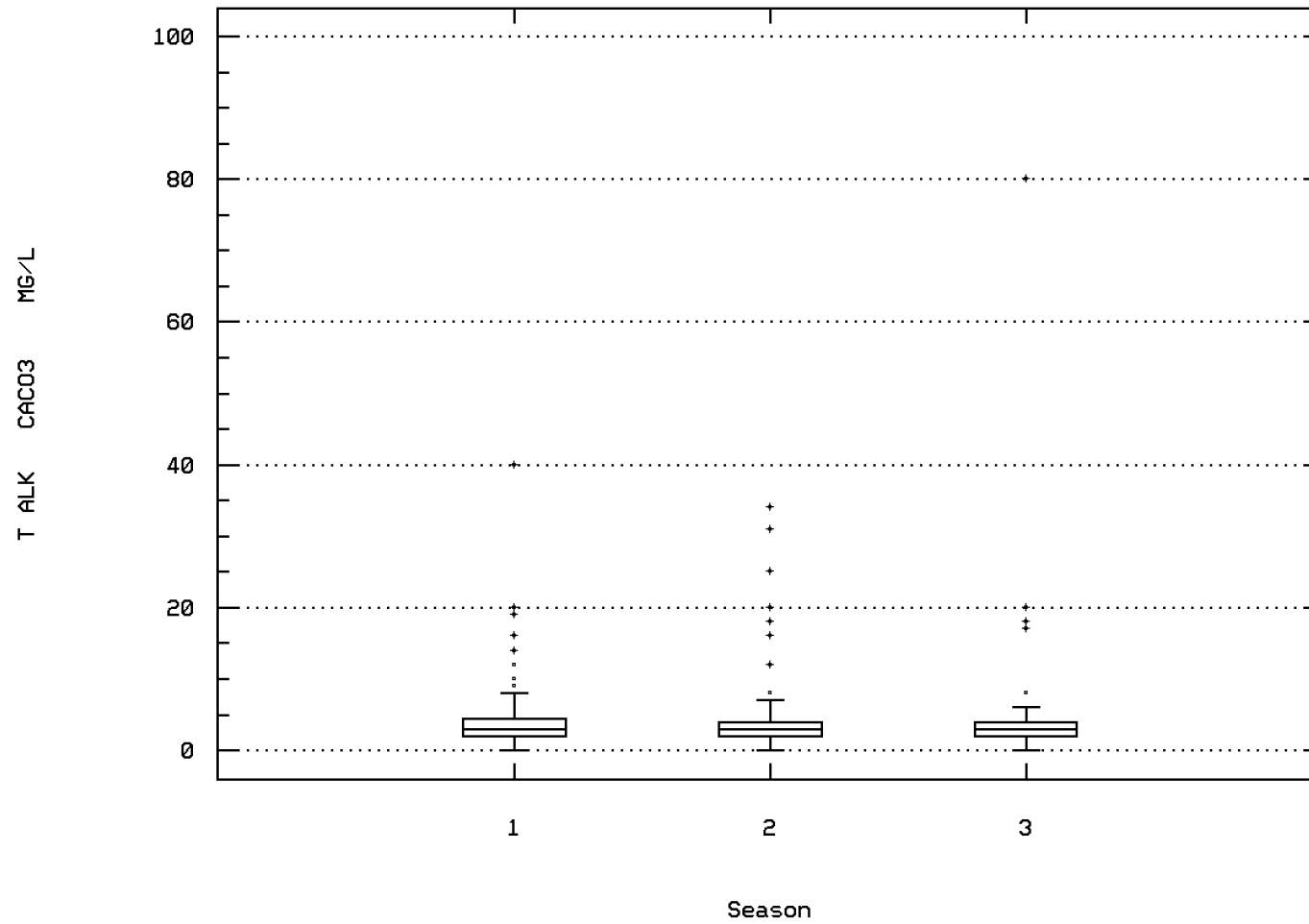


CONGAREE CK AT US 21 AT CAYCE WTR INTAK



Station: COSW0169 Parameter Code: 00410

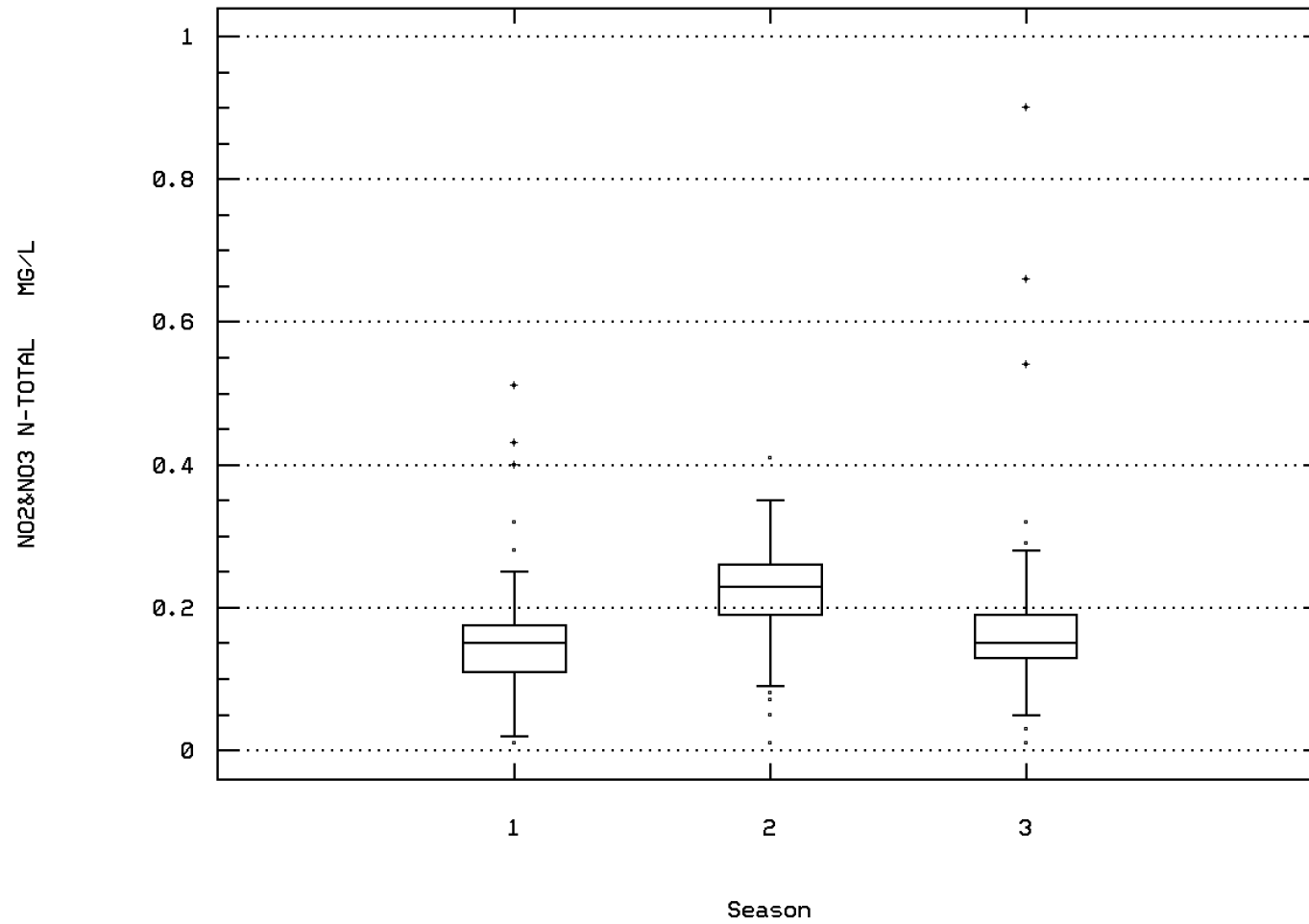
ALKALINITY, TOTAL (MG/L AS CaCO3)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 00630

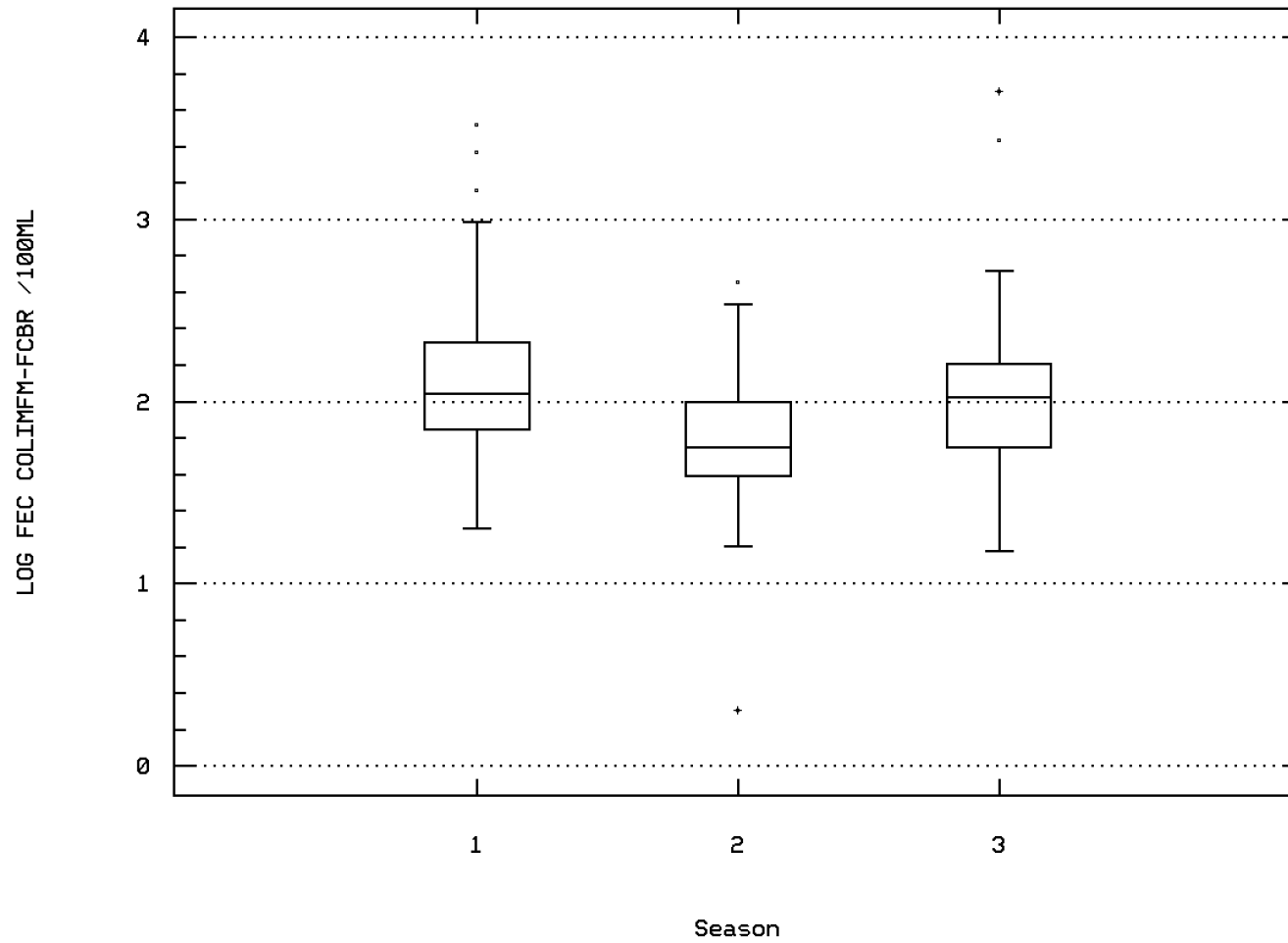
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 31616

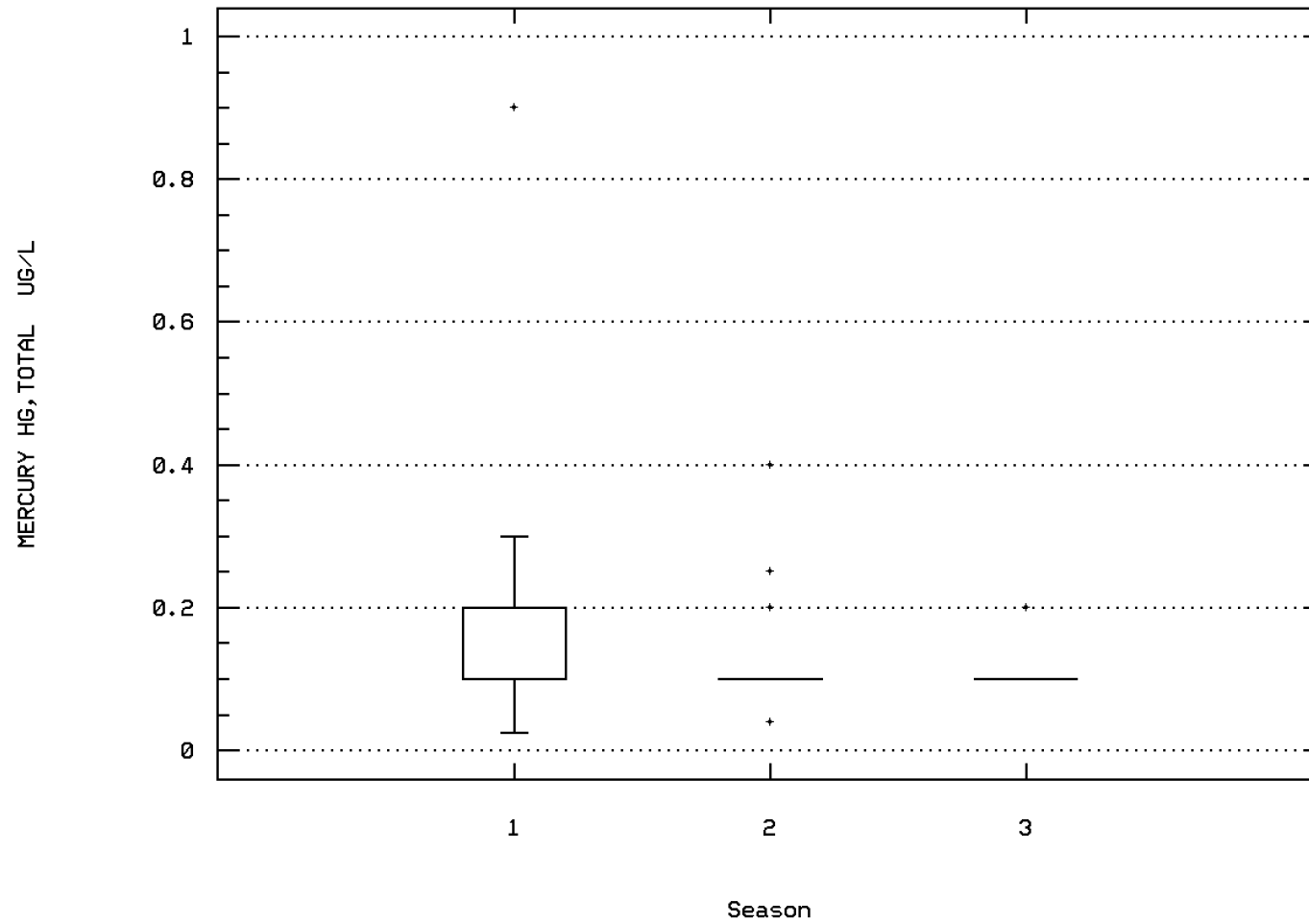
LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

Station: COSW0169 Parameter Code: 71900

MERCURY, TOTAL (UG/L AS HG)



CONGAREE CK AT US 21 AT CAYCE WTR INTAK

## Station Inventory for Station: COSW0170

NPS Station ID: COSW0170  
 Location: CONGAREE CREEK AT CAYCE,S.C.  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin:  
 Minor Basin:  
 RF1 Index: 03050110031  
 RF3 Index: 03050110003501.43  
 Description:

LAT/LON: 33.937505/ -81.077781

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 4.740  
 RF3 Mile Point: 6.87

Agency: 112WRD  
 FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
 STORET Station ID(s): 02169550  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 0.00  
 Distance from RF3: 0.01

On/Off RF1: OFF  
 On/Off RF3:

## Parameter Inventory for Station: COSW0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/72-07/23/73	13	20.	18.538	29.5	5.	50.936	7.137	6.6	12.25	24.	27.7
00060 FLOW, STREAM, MEAN DAILY CFS	05/12/61-05/12/61	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/17/57-07/23/73	17	207.	206.	332.	103.	4334.125	65.834	113.4	153.5	264.5	296.8
00080 COLOR (PLATINUM-COBALT UNITS)	05/17/57-05/12/61	5	20.	25.	50.	15.	212.5	14.577	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/57-07/23/73	18	16.	16.722	26.	13.	10.918	3.304	13.	14.	18.5	21.5
00300 OXYGEN, DISSOLVED MG/L	07/13/72-07/23/73	13	7.7	8.746	12.4	6.	3.426	1.851	6.48	7.45	10.2	11.84
00400 PH (STANDARD UNITS)	05/17/57-07/23/73	16	6.2	6.106	7.	5.2	0.245	0.495	5.34	5.725	6.4	6.79
00400 CONVERTED PH (STANDARD UNITS)	05/17/57-07/23/73	16	6.2	5.846	7.	5.2	0.317	0.563	5.34	5.725	6.4	6.79
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/57-07/23/73	16	0.631	1.426	6.31	0.1	2.945	1.716	0.17	0.398	1.893	4.68
00440 BICARBONATE ION (MG/L AS HCO3)	05/17/57-05/12/61	5	3.	3.2	4.	2.	0.7	0.837	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/17/57-05/12/61	5	3.	3.4	4.	3.	0.3	0.548	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/17/57-05/12/61	5	1.	1.	2.	0.	0.5	0.707	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/17/57-05/12/61	5	0.8	0.88	1.	0.8	0.012	0.11	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/57-05/12/61	5	0.3	0.28	0.4	0.1	0.017	0.13	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/17/57-05/12/61	5	1.1	1.1	1.2	1.	0.01	0.1	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/17/57-05/12/61	5	0.2	0.26	0.4	0.1	0.018	0.134	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/17/57-05/12/61	5	3.	2.6	3.	2.	0.3	0.548	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/17/57-05/12/61	5	0.6	0.6	1.	0.3	0.075	0.274	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/17/57-05/12/61	5	0.1	0.1	0.2	0.	0.01	0.1	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/17/57-05/12/61	5	3.8	3.64	4.2	2.9	0.233	0.483	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/17/57-05/12/61	5	110.	108.	240.	10.	7370.	85.849	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/13/72-07/23/73	11	66.	119.636	400.	17.	15587.655	124.851	19.2	40.	190.	380.
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/13/72-07/23/73	11	1.82	1.886	2.602	1.23	0.18	0.424	1.274	1.602	2.279	2.577
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			76.878								
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/17/57-05/12/61	5	15.	16.	21.	11.	14.	3.742	**	**	**	**
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	05/17/57-05/12/61	5	0.7	0.66	0.9	0.4	0.043	0.207	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

## EPA Water Quality Criteria Analysis for Station: COSW0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	16	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	16	14	0.88	4	3	0.75	4	3	0.75	8	8	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### EPA Water Quality Criteria Analysis for Station: COSW0170

Parameter	Std. Type	Std. Value	Total			-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE, TOTAL IN WATER	860.	5	0	0.00							5	0	0.00			
	Fresh Acute	860.	5	0	0.00							5	0	0.00			
	Drinking Water	250.	5	0	0.00							5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	5	0	0.00							5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	5	0	0.00							5	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	11	2	0.18	4	1	0.25	4	0	0.00	3	1	0.33			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	44.	5	0	0.00							5	0	0.00			
	Other-Hi Lim.																
	Drinking Water																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0171

NPS Station ID: COSW0171	LAT/LON: 33.944448/ -81.080559	Agency: 21SC60WQ	Date Created: / /
Location: SIX MILE CREEK ON US 21 S OF CAYCE		FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): C-005	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:		Aquifer:	
HUC: 03050110	Depth of Water: 0	Water Body ID:	
Major Basin: SOUTHEAST	Elevation: 0	ECO Region:	
Minor Basin: SANTEE COOPER CONGAREE		Distance from RF1: 17.40	On/Off RF1:
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF3: 0.20	On/Off RF3:
RF3 Index: 03050104008703.73	RF3 Mile Point: 6.63		
Description:			
SAMPLED BY SC PCA. FIRST REPORTING DATE 01/05/66.			
SIX MILE CREEK AT BRIDGE ON U.S. NO. 21 SOUTH OF CAYCE.			

### Parameter Inventory for Station: COSW0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/66-06/11/97	145	22.5	21.489	28.5	6.	19.481	4.414	15.6	19.	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/11/97	90	27.	26.044	37.	9.	31.622	5.623	18.	23.	30.	32.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/08/71-08/13/71	2	39.	39.	43.	35.	32.	5.657	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/10/68-10/02/73	12	10.	10.333	22.	5.	27.152	5.211	5.	6.5	10.75	21.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	125	6.	7.304	28.	1.4	27.976	5.289	2.82	4.25	8.	12.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	27	100.	101.296	210.	60.	1087.678	32.98	70.	70.	120.	140.
00300	OXYGEN, DISSOLVED MG/L	01/05/66-06/11/97	145	5.7	5.603	11.9	0.5	3.855	1.963	2.96	4.65	6.4	7.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/66-10/06/72	15	60.	59.487	95.	30.	421.553	20.532	31.2	45.	71.	93.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/66-07/01/97	146	2.05	2.655	11.	0.2	2.822	1.68	1.2	1.6	3.4	4.83
00335	COD, .025N K2CR2O7 MG/L	08/22/78-09/24/87	3 ##	2.5	11.667	30.	2.5	252.083	15.877	**	**	**	**
00400	PH (STANDARD UNITS)	05/21/73-06/11/97	130	6.4	6.385	7.8	5.3	0.133	0.364	5.9	6.2	6.6	6.8
00400	CONVERTED PH (STANDARD UNITS)	05/21/73-06/11/97	130	6.4	6.235	7.8	5.3	0.155	0.394	5.9	6.2	6.6	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/11/97	130	0.398	0.582	5.012	0.016	0.372	0.61	0.158	0.251	0.631	1.259
00403	PH, LAB, STANDARD UNITS SU	01/05/66-08/25/92	108	6.5	6.414	7.	5.3	0.132	0.363	6.	6.2	6.675	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/05/66-08/25/92	108	6.5	6.225	7.	5.3	0.168	0.41	6.	6.2	6.675	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/66-08/25/92	108	0.316	0.596	5.012	0.1	0.707	0.841	0.126	0.212	0.631	1.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/05/66-10/26/94	67	15.	16.627	39.	1.	68.177	8.257	6.	11.	21.	28.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/92-07/01/97	32	3.	3.873	15.	0.25	10.303	3.21	0.93	2.	4.75	9.1
00600	NITROGEN, TOTAL (MG/L AS N)	06/08/71-09/21/71	3	0.1	0.243	0.55	0.08	0.071	0.266	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	0.11	0.1	0.13	0.05	0.001	0.036	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/71-05/08/72	2 ##	0.478	0.478	0.93	0.025	0.41	0.64	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	4	0.81	0.918	1.27	0.78	0.056	0.237	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/71-07/01/97	130	0.19	0.301	1.7	0.02	0.101	0.318	0.08	0.128	0.33	0.741
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	19	0.72	1.379	4.08	0.08	1.478	1.216	0.1	0.45	2.55	3.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	91	0.08	0.133	1.6	0.02	0.043	0.207	0.05	0.06	0.12	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/24/87-09/24/87	1	2.8	2.8	2.8	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/13/71-07/03/84	4	11.	11.5	18.	6.	25.	5.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/27/83-07/03/84	2	4.05	4.05	5.	3.1	1.805	1.344	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/27/83-07/03/84	2	1.25	1.25	1.4	1.1	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/71-09/21/71	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-10/11/74	3 ##	15.	26.667	50.	15.	408.333	20.207	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-09/12/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/73-10/11/74	7 ##	50.	42.857	50.	25.	148.81	12.199	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/21/73-10/11/74	9	1190.	1273.	1973.	460.	226954.25	476.397	460.	1005.	1727.5	1973.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/73-10/11/74	7 ##	25.	39.286	100.	25.	803.571	28.347	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/66-08/13/71	6	39000.	67700.	240000.	9200.	7359980000.	85790.326	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/66-08/13/71	6	4.589	4.609	5.38	3.964	0.215	0.464	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40611.113								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-05/08/72	7	3480.	3577.143	9200.	10.	9894690.476	3145.583	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/68-05/08/72	7	3.542	3.075	3.964	1.	1.146	1.07	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1189.794								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	124	245.	817.952	10000.	10.	2504484.29	1582.556	86.	130.	671.25	2100.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	124	2.389	2.496	4.	1.	0.32	0.566	1.934	2.114	2.827	3.322
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			313.281								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	390.	390.	390.	390.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	2.591	2.591	2.591	2.591	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			390.								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	23	0.27	0.552	2.5	0.03	0.392	0.626	0.038	0.12	0.71	1.5
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	3	35000.	94733.333	240000.	9200.15993213333.333	126464.277	**	**	**	**	**
71205 LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/13/71	3	4.544	4.629	5.38	3.964	0.507	0.712	**	**	**	**
71205 GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			42594.714								
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/13/73-10/11/74	7	0.25	0.304	0.6	0.025	0.033	0.183	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	119	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0171

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00			
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	125	0	0.00	81	0	0.00				44	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	145	30	0.21	94	21	0.22	3	0	0.00	48	9	0.19			
00400 PH	Other-Hi Lim.	9.	130	0	0.00	85	0	0.00				45	0	0.00			
	Other-Lo Lim.	6.5	130	92	0.71	85	63	0.74				45	29	0.64			
00403 PH, LAB	Other-Hi Lim.	9.	108	0	0.00	68	0	0.00	3	0	0.00	37	0	0.00			
	Other-Lo Lim.	6.5	108	69	0.64	68	46	0.68	3	0	0.00	37	23	0.62			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	130	0	0.00	87	0	0.00				43	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
	Drinking Water	250.	2	0	0.00	2	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	7	0	0.00	6	0	0.00				1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	6 &	0	0.00	5	0	0.00				1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	6	1.00	2	2	1.00	3	3	1.00	1	1	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	5	0.71	5	4	0.80				2	1	0.50			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	124	71	0.57	79	49	0.62				45	22	0.49			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	6	0	0.00				1	0	0.00			
	Drinking Water	2.	7	0	0.00	6	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/66-06/11/97	94	23.	21.92	28.5	11.	16.469	4.058	16.	20.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/11/97	58	28.	26.017	37.	9.	35.403	5.95	16.8	23.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	81	6.	7.026	28.	1.4	25.527	5.052	2.74	4.	7.95
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	17	100.	104.706	210.	60.	1476.471	38.425	68.	70.	130.
00300p	OXYGEN, DISSOLVED MG/L	01/05/66-06/11/97	94	5.6	5.376	9.8	1.2	3.105	1.762	2.9	4.375	6.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/66-10/06/72	9	50.	54.367	71.	32.	174.385	13.205	32.	45.5	68.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/05/66-07/01/97	95	2.	2.474	9.2	0.2	2.189	1.48	1.2	1.5	3.1
00400	PH (STANDARD UNITS)	05/21/73-06/11/97	85	6.38	6.368	7.3	5.65	0.104	0.322	5.9	6.2	6.59
00400	CONVERTED PH (STANDARD UNITS)	05/21/73-06/11/97	85	6.38	6.25	7.3	5.65	0.118	0.343	5.9	6.2	6.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/11/97	85	0.417	0.562	2.239	0.05	0.224	0.474	0.183	0.257	0.631
00403p	PH, LAB, STANDARD UNITS SU	01/05/66-08/25/92	68	6.4	6.379	7.	5.3	0.13	0.36	5.9	6.2	6.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/05/66-08/25/92	68	6.4	6.186	7.	5.3	0.168	0.409	5.9	6.2	6.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/66-08/25/92	68	0.398	0.651	5.012	0.1	0.883	0.939	0.158	0.251	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/05/66-10/26/94	42	16.	16.595	39.	1.	75.905	8.712	5.3	10.	22.
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/01/97	87	0.17	0.287	1.7	0.02	0.108	0.329	0.05	0.11	0.31
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	60	0.07	0.115	1.1	0.02	0.026	0.162	0.04	0.06	0.1
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	79	290.	952.013	10000.	10.	2732811.884	1653.122	90.	150.	940.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	79	2.462	2.57	4.	1.	0.338	0.581	1.954	2.176	2.973
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/10/68-07/01/97	79	2.462	2.57	4.	1.	0.338	0.581	1.954	2.176	2.973
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	77	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/66-06/11/97	3	6.5	7.333	9.5	6.	3.583	1.893	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/05/66-06/11/97	3	11.3	10.8	11.9	9.2	2.01	1.418	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/66-10/06/72	3	92.	89.	95.	80.	63.	7.937	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/05/66-07/01/97	3	3.	3.833	6.5	2.	5.583	2.363	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/05/66-08/25/92	3	6.8	6.8	7.	6.6	0.04	0.2	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/05/66-08/25/92	3	6.8	6.77	7.	6.6	0.041	0.203	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/66-08/25/92	3	0.158	0.17	0.251	0.1	0.006	0.076	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/05/66-10/26/94	3	14.	14.333	19.	10.	20.333	4.509	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/66-06/11/97	48	22.5	21.529	27.5	7.7	13.782	3.712	17.	19.25	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/11/97	32	26.75	26.094	35.	13.	25.684	5.068	19.	23.25	29.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	44	5.95	7.816	28.	1.9	32.769	5.724	2.8	4.725	8.85
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-06/11/76	10	95.	95.5	140.	70.	458.056	21.402	70.	77.5	110.
00300p	OXYGEN, DISSOLVED MG/L	01/05/66-06/11/97	48	6.	5.725	10.8	0.5	3.737	1.933	2.89	4.725	6.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/66-10/06/72	3	36.	45.333	70.	30.	465.333	21.572	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/05/66-07/01/97	48	2.4	2.94	11.	0.9	3.854	1.963	1.2	1.625	3.8
00400	PH (STANDARD UNITS)	05/21/73-06/11/97	45	6.45	6.417	7.8	5.3	0.189	0.435	5.83	6.2	6.7
00400	CONVERTED PH (STANDARD UNITS)	05/21/73-06/11/97	45	6.45	6.207	7.8	5.3	0.235	0.484	5.83	6.2	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/11/97	45	0.355	0.622	5.012	0.016	0.661	0.813	0.158	0.2	0.631
00403p	PH, LAB, STANDARD UNITS SU	01/05/66-08/25/92	37	6.5	6.446	7.	5.4	0.132	0.363	6.	6.1	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/05/66-08/25/92	37	6.5	6.276	7.	5.4	0.162	0.402	6.	6.1	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/66-08/25/92	37	0.316	0.529	3.981	0.1	0.433	0.658	0.126	0.158	0.794
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	01/05/66-10/26/94	22	15.	17.	39.	6.	63.238	7.952	8.	12.	21.
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	09/21/71-07/01/97	43	0.21	0.328	1.47	0.08	0.087	0.295	0.124	0.16	0.39

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

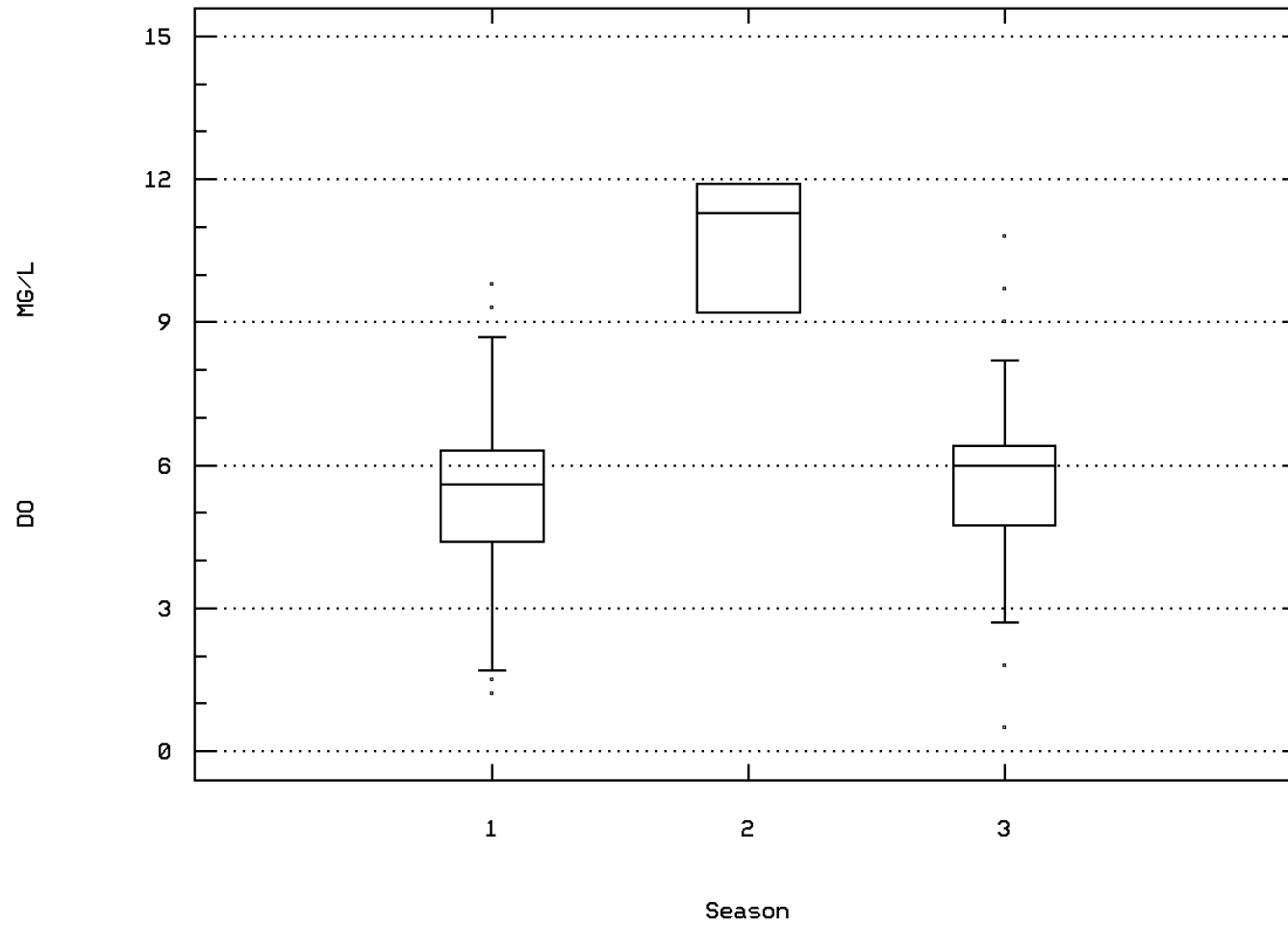
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	31	0.12	0.167	1.6	0.04	0.075	0.274	0.06	0.06	0.16	0.276
31616p FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/10/68-07/01/97	45	180.	582.6	9200.	10.	2067724.018	1437.958	71.4	110.	470.	1108.
31616p LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	10/10/68-07/01/97	45	2.255	2.365	3.964	1.	0.267	0.517	1.854	2.041	2.669	3.04
31616p GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			231.819								
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/11/97	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0171 Parameter Code: 00300

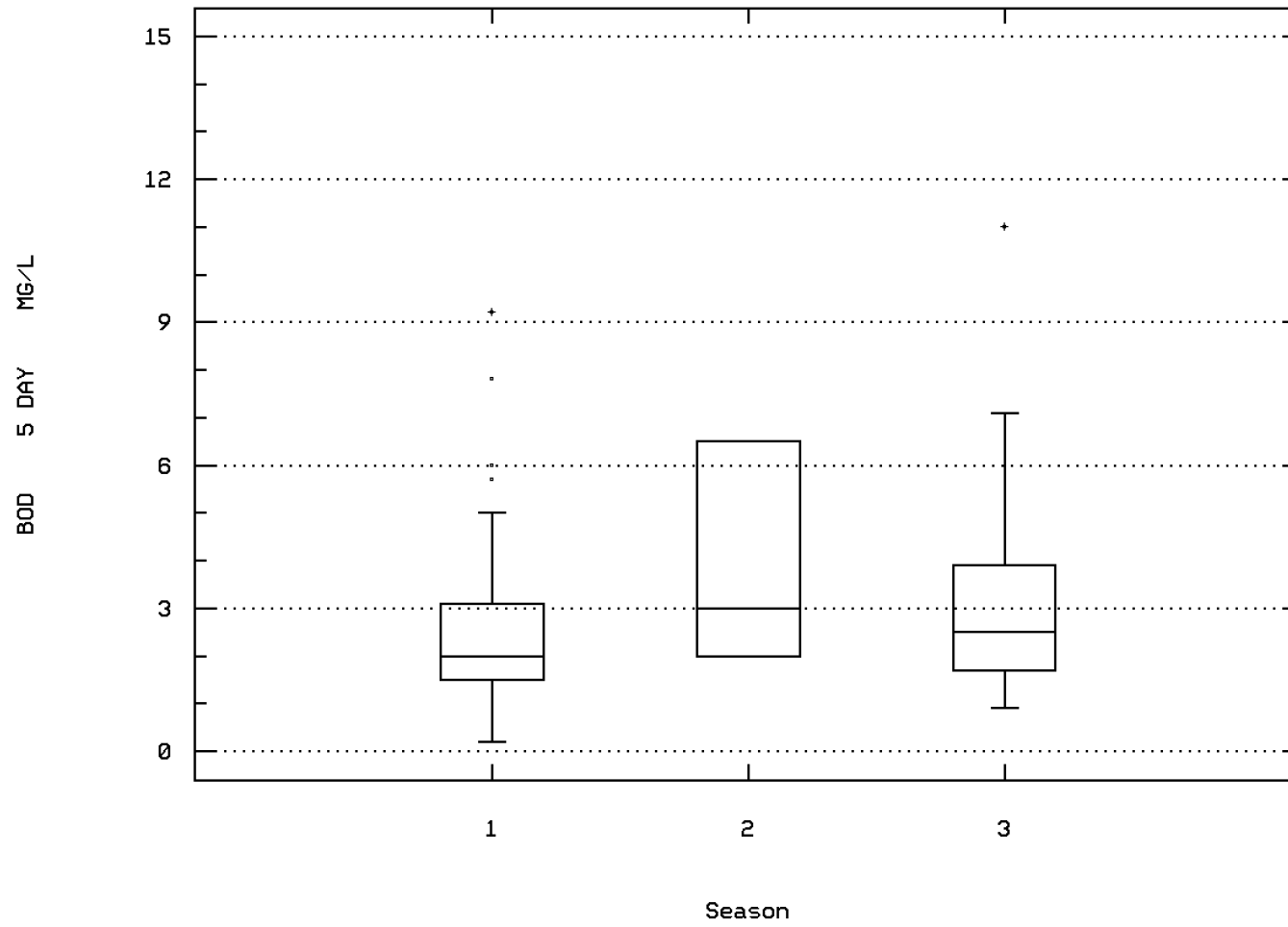
OXYGEN, DISSOLVED



SIX MI CK ON US 21 S OF CAYCE

Station: COSW0171 Parameter Code: 00310

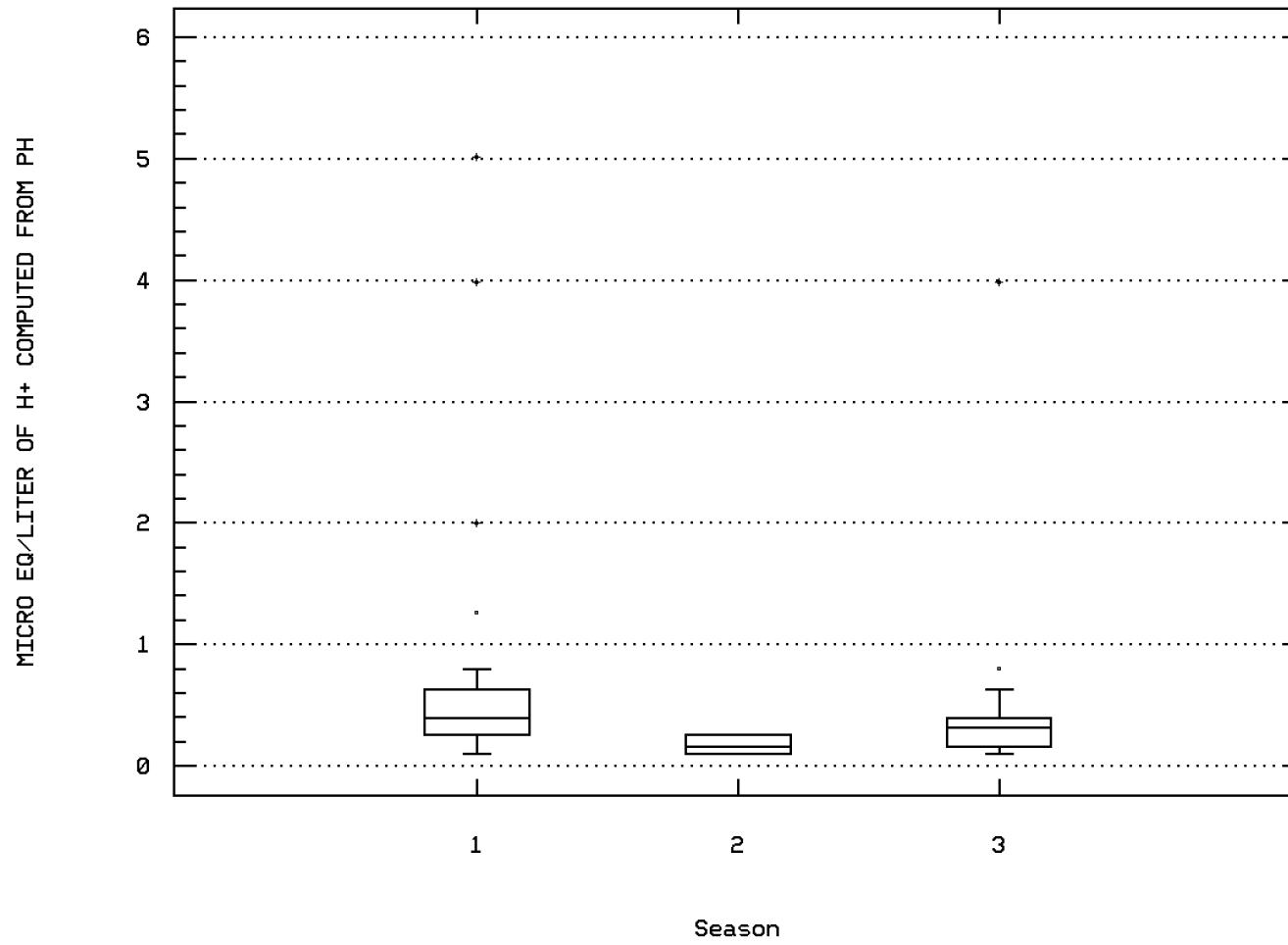
BOD, 5 DAY, 20 DEG C



SIX MI CK ON US 21 S OF CAYCE

Station: COSW0171 Parameter Code: 00403

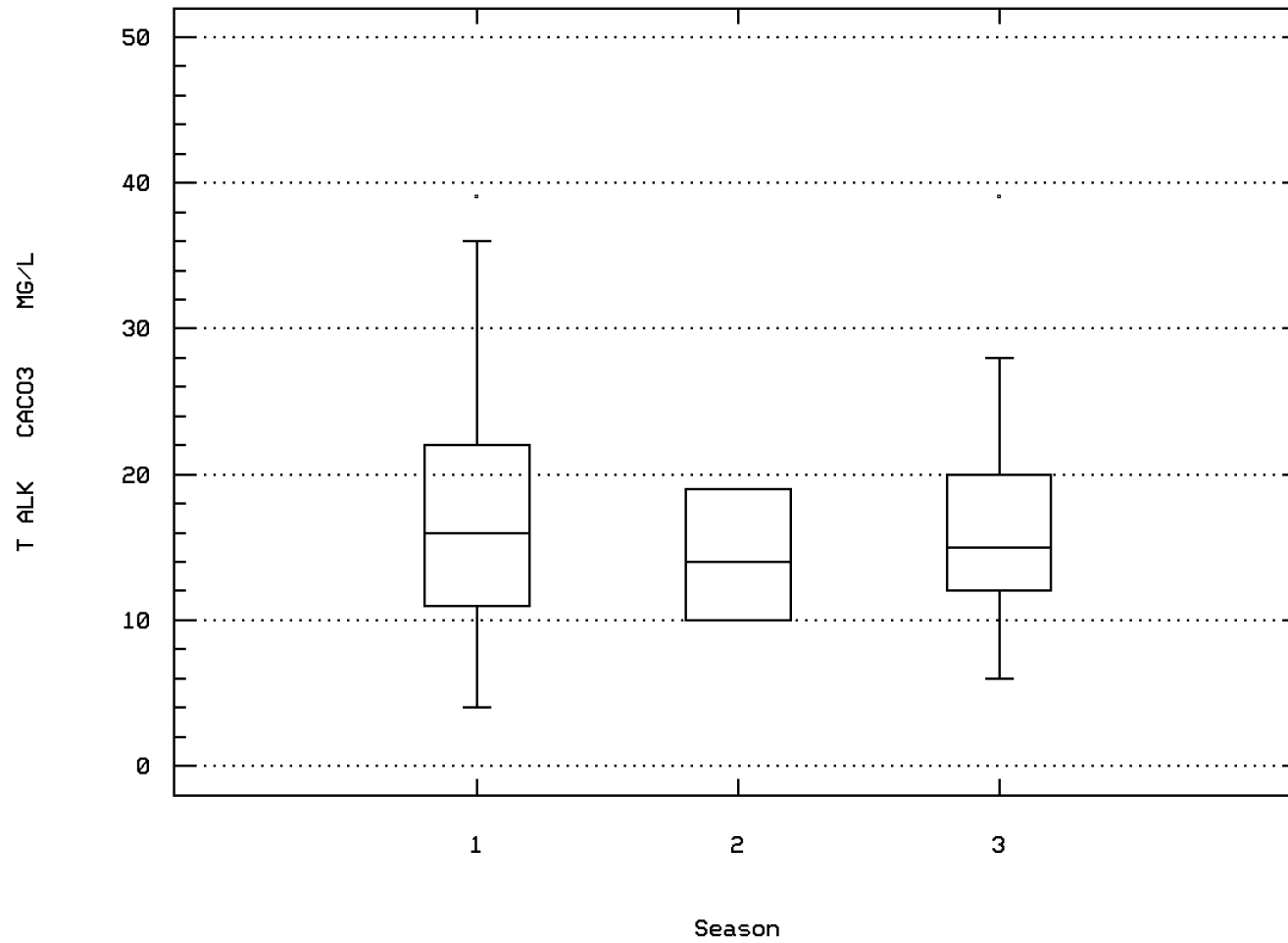
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SIX MI CK ON US 21 S OF CAYCE

Station: COSW0171 Parameter Code: 00410

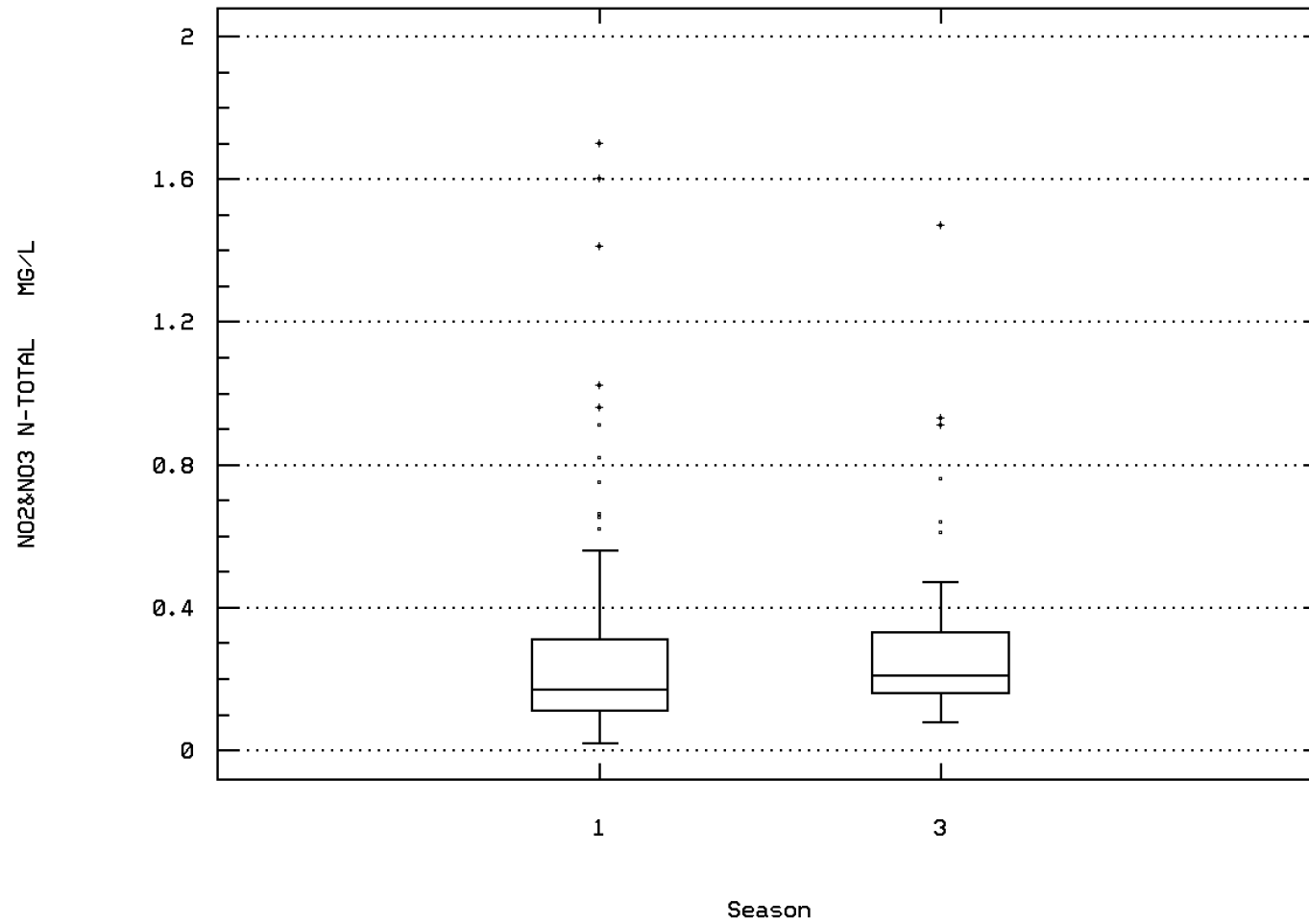
ALKALINITY, TOTAL (MG/L AS CaCO3)



SIX MI CK ON US 21 S OF CAYCE

Station: COSW0171 Parameter Code: 00630

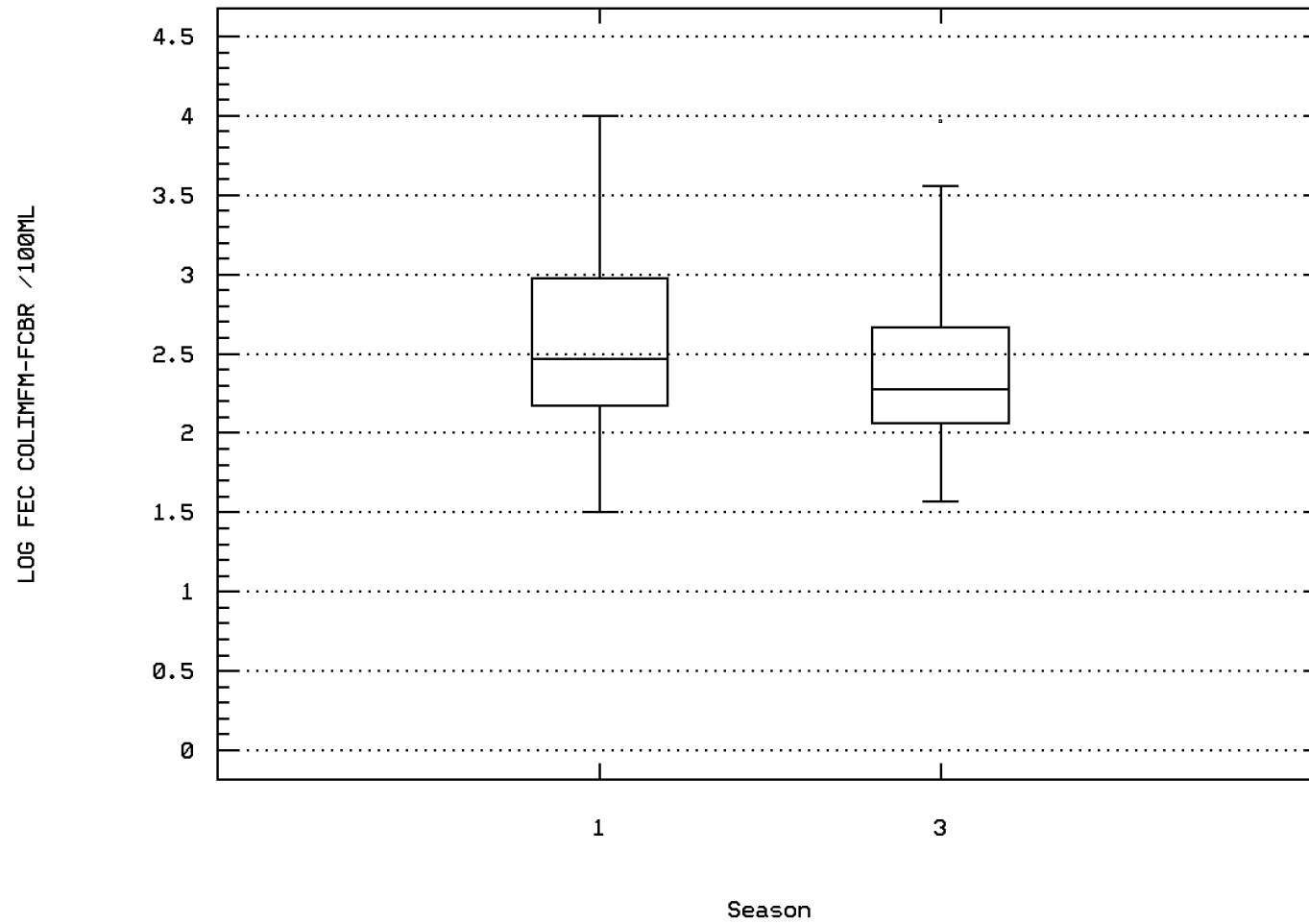
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



SIX MI CK ON US 21 S OF CAYCE

Station: COSW0171 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



SIX MI CK ON US 21 S OF CAYCE



### Station Inventory for Station: COSW0172

NPS Station ID: COSW0172		LAT/LON: 33.955281/ -81.096671		Agency: 21SC60WQ		Date Created: 11/13/82	
Location: SIX MILE CREEK DS SHADBLOW COMMUNITY LAKE				FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON			
Station Type: /TYPA/AMBNT/STREAM				STORET Station ID(s): C-543			
RMI-Indexes:				Within Park Boundary: No			
RMI-Miles:							
HUC: 03050110		Depth of Water: 1		Aquifer:			
Major Basin: SOUTHEAST		Elevation: 0		Water Body Id:			
Minor Basin: SANTEE-COOPER				ECO Region:			
RF1 Index: 03050110		RF1 Mile Point: 0.000		Distance from RF1: 24.00		On/Off RF1:	
RF3 Index: 03050110005500.00		RF3 Mile Point: 5.06		Distance from RF3: 0.05		On/Off RF3:	
Description:							
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL				FIRST REPORTING DATE: 82/07/15			
STATION ESTABLISHED FOR NUTRIENT ASSESSMENT				1.0 KM S SPRINGDALE			
SIX MILE CREEK 50 M DOWNSTREAM FROM SHADBLOW COMMUNITY LAKE				STATION IS 1.0 AIRKM S SPRINGDALE			
LEXINGTON COUNTY							

### Parameter Inventory for Station: COSW0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	24.	24.	27.	21.	8.667	2.944	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	26.25	24.625	29.	17.	30.896	5.558	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	9.	14.75	38.	3.	264.917	16.276	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	7.3	7.15	7.4	6.6	0.137	0.37	**	**	**	**
00400 PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.25	6.2	6.5	5.8	0.087	0.294	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.247	6.12	6.5	5.8	0.095	0.308	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	0.566	0.758	1.585	0.316	0.32	0.566	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.115	0.125	0.22	0.05	0.005	0.07	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	0.95	0.87	1.32	0.26	0.277	0.527	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.17	0.17	0.19	0.15	0.	0.016	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.45	0.393	0.52	0.15	0.029	0.17	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	9.8	9.8	11.7	7.9	2.833	1.683	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.16	0.158	0.18	0.13	0.	0.022	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0172

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400 PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
	Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0173

NPS Station ID: COSW0173	LAT/LON: 33.961392/-81.101670	Agency: 21SC60WQ	Date Created: 11/13/82
Location: SIX MILE CREEK AT SHADBLOW APARTMENTS		FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): C-542	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 1	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: SANTEE-COOPER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 25.90	On/Off RF1:
RF3 Index: 03050110005502.84	RF3 Mile Point: 2.88	Distance from RF3: 0.01	On/Off RF3:
Description:			
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL FIRST REPORTING DATE: 82/07/15			
STATION ESTABLISHED FOR NUTRIENT ASSESSMENT IN SPRINGDALE			
SIX MILE CREEK AT FOOTBRIDGE IN SHADBLOW APARTMENTS ABOUT 100 M DOWN- STREAM FROM SC 602			
STATION IS IN SPRINGDALE LEXINGTON COUNTY			

Parameter Inventory for Station: COSW0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	22.5	22.125	26.	17.5	20.396	4.516	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	26.	25.125	28.5	20.	13.729	3.705	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	8.5	16.5	46.	3.	407.	20.174	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	7.2	7.1	7.9	6.1	0.613	0.783	**	**	**	**
00400 PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.1	6.125	6.3	6.	0.016	0.126	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.1	6.112	6.3	6.	0.016	0.127	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	0.794	0.772	1.	0.501	0.042	0.205	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.09	0.096	0.18	0.025	0.004	0.064	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	0.89	0.94	1.56	0.42	0.311	0.558	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.285	0.285	0.41	0.16	0.014	0.119	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.42	0.41	0.44	0.36	0.001	0.038	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	11.85	11.375	13.4	8.4	5.203	2.281	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.185	0.188	0.23	0.15	0.001	0.039	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0173

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00	4	0	0.00						
	Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## Station Inventory for Station: COSW0174

NPS Station ID: COSW0174  
 Location: UNNMD TRIB TO FALLAWS PND 0.3 W US321 ON DIRT RD  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: EDISTO-COMBAHEE  
 RF1 Index: 03050110  
 RF3 Index: 03050104083700.33  
 Description:  
 SAMPLD BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL  
 STATION ESTABLISHED FOR SPECIAL STUDY OF BULL SWAMP CREEK 02/85  
 STATION IS 1 AIRMILE SOUTH OF GASTON LOOKOUT TOWER

LAT/LON: 33.798892/ -81.102782

Depth of Water: 3  
 Elevation: 0

RF1 Mile Point: 0.000  
 RF3 Mile Point: 4.51

Agency: 21SC60WQ  
 FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
 STORET Station ID(s): E-560  
 Within Park Boundary: No

Date Created: 03/16/85

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 7.00  
 Distance from RF3: 0.35

On/Off RF1:  
 On/Off RF3:

## Parameter Inventory for Station: COSW0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00557 OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	02/12/85-02/12/85	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00626 NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	02/12/85-02/12/85	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00627 NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	02/12/85-02/12/85	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00668 PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	02/12/85-02/12/85	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00924 MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	02/12/85-02/12/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01003 ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/12/85-02/12/85	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01008 BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	02/12/85-02/12/85	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01013 BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	02/12/85-02/12/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01023 BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	02/12/85-02/12/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/12/85-02/12/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029 CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/12/85-02/12/85	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	02/12/85-02/12/85	1 ##	1.75	1.75	1.75	1.75	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/12/85-02/12/85	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/12/85-02/12/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/12/85-02/12/85	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01063 MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	02/12/85-02/12/85	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01068 NICKEL., TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/12/85-02/12/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01078 SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	02/12/85-02/12/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01088 VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	02/12/85-02/12/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/12/85-02/12/85	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
01098 ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	02/12/85-02/12/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01103 TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/12/85-02/12/85	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01108 ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	02/12/85-02/12/85	1	6700.	6700.	6700.	6700.	0.	0.	**	**	**	**
01133 LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	02/12/85-02/12/85	1 ##	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
01148 SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	02/12/85-02/12/85	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01153 TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	02/12/85-02/12/85	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	02/12/85-02/12/85	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**
34257 B-BHC-BETA DRY WGTBOTUG/KG	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34480 THALLIUM DRY WGTBOTMG/KG	02/12/85-02/12/85	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
39076 BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39251 PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39301 P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1	40.7	40.7	40.7	40.7	0.	0.	**	**	**	**
39306 O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311 P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39316 O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321 P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1	16.1	16.1	16.1	16.1	0.	0.	**	**	**	**
39328 O,P'DDE IN BOTTOM DEPOS. (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333 ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39383 DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39393 ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39399 ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403 TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39413 HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39423 HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39531 MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39541 PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571 DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581 GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783 LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39787 TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	02/12/85-02/12/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70322 SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	02/12/85-02/12/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71921 MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/12/85-02/12/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0175

NPS Station ID: COSW0175

Location: UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 620

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050110037700.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL

STATION ESTABLISHED FOR NUTRIENT ASSESSMENT

UNNAMED TRIBUTARY TO SIX MILE CREEK AT COUNTY ROAD 620(RAINBOW DRIVE)

LEXINGTON COUNTY

LAT/LON: 33.963615/ -81.103338

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

FIRST REPORTING DATE: 82/07/15

0.5 KM N SPRINGDALE

STATION IS 0.5 AIRKM N SPRINGDALE

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-541

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 24.10

Distance from RF3: 0.00

Date Created: 11/13/82

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	21.75	21.625	25.	18.	15.229	3.902	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	26.5	26.	27.	24.	2.	1.414	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	1.45	2.425	6.	0.8	5.976	2.445	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	7.8	7.85	9.1	6.7	1.023	1.012	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.25	6.375	6.8	6.2	0.082	0.287	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.247	6.318	6.8	6.2	0.087	0.295	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	0.566	0.48	0.631	0.158	0.05	0.223	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.115	0.116	0.21	0.025	0.006	0.076	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	0.94	0.94	1.36	0.52	0.214	0.462	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.495	0.49	0.73	0.24	0.052	0.228	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.42	0.405	0.42	0.36	0.001	0.03	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	11.7	10.75	13.	6.6	8.197	2.863	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.135	0.14	0.17	0.12	0.	0.022	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0175

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00								
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00								
		Other-Lo Lim.	6.5	4	3	0.75	4	3	0.75								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0176

NPS Station ID: COSW0176  
Location: SIX MILE CREEK AT COUNTY ROAD 631  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE-COOPER  
RF1 Index: 03050110  
RF3 Index: 03050110037600.00  
Description:  
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL  
STATION ESTABLISHED FOR NUTRIENT ASSESSMENT  
SIX MILE CREEK AT COUNTY ROAD 631(FRANKLIN STREET)  
LEXINGTON COUNTY

LAT/LON: 33.965005/ -81.108616  
  
  
  
  
  
Depth of Water: 1  
Elevation: 0  
  
RF1 Mile Point: 0.000  
RF3 Mile Point: 0.00

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-539  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 28.20  
Distance from RF3: 0.02

Date Created: 11/13/82  
  
  
  
  
On/Off RF1:  
On/Off RF3:

Parameter Inventory for Station: COSW0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	24.	23.625	26.5	20.	9.896	3.146	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	3	22.	21.667	24.	19.	6.333	2.517	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	6.	9.5	24.	2.	103.	10.149	**	**	**
00065	STAGE, STREAM (FEET)	07/15/82-09/24/82	4	0.915	0.975	1.35	0.72	0.078	0.28	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	5.15	5.175	5.6	4.8	0.122	0.35	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.15	6.125	6.2	6.	0.009	0.096	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.147	6.117	6.2	6.	0.009	0.096	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	0.713	0.764	1.	0.631	0.031	0.175	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.225	0.238	0.33	0.17	0.004	0.067	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	1.	0.975	1.72	0.18	0.636	0.798	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.185	0.188	0.27	0.11	0.006	0.075	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.45	0.45	0.58	0.32	0.013	0.114	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	12.6	12.05	14.5	8.5	7.21	2.685	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.235	0.255	0.34	0.21	0.004	0.061	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0176

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00								
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00								
		Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0177

NPS Station ID: COSW0177

Location: SIX MILE CREEK AT COUNTY ROAD 365

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050110013500.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL

STATION ESTABLISHED FOR NUTRIENT ASSESSMENT

SIX MILE CREEK AT COUNTY ROAD 365(WILTON ROAD)

LEXINGTON COUNTY

LAT/LON: 33.968893/ -81.109449

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

FIRST REPORTING DATE: 82/07/15

1.5 KM N SPRINGDALE

STATION IS 1.5 AIRKM N SPRINGDALE

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-538

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 25.70

Distance from RF3: 0.27

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	23.25	23.125	26.	20.	9.396	3.065	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	21.25	21.375	27.	16.	29.563	5.437	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	5.	8.75	24.	1.	112.917	10.626	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	5.2	5.175	5.5	4.8	0.143	0.377	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.	6.025	6.2	5.9	0.022	0.15	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	5.989	6.006	6.2	5.9	0.023	0.152	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	1.027	0.986	1.259	0.631	0.104	0.322	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.245	0.265	0.39	0.18	0.008	0.09	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	1.32	1.31	1.68	0.92	0.173	0.416	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.105	0.11	0.13	0.1	0.	0.014	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.66	0.665	0.74	0.6	0.004	0.066	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	11.45	11.8	14.2	10.1	4.007	2.002	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.27	0.3	0.45	0.21	0.012	0.112	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0177

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00								
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00								
		Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0178

NPS Station ID: COSW0178

Location: UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 565

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050110037500.21

Description:

SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL

STATION ESTABLISHED FOR NUTRIENT ASSESSMENT

UNNAMED TRIBUTARY TO SIX MILE CREEK AT COUNTY ROAD 565(PINEDALE ROAD)

LEXINGTON COUNTY

LAT/LON: 33.962781/ -81.110838

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.20

FIRST REPORTING DATE: 82/07/15

1.0 KM NW SPRINGDALE

STATION IS 1.0 KM NW SPRINGDALE

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-540

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 26.10

Distance from RF3: 0.01

Date Created: 11/13/82

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	23.	23.25	27.	20.	14.25	3.775	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	24.	23.375	25.5	20.	5.563	2.358	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	1.4	1.875	4.	0.7	2.356	1.535	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	4.5	4.225	4.9	3.	0.763	0.873	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-09/24/82	4	5.8	5.725	5.9	5.4	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	5.789	5.673	5.9	5.4	0.059	0.244	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	1.627	2.124	3.981	1.259	1.654	1.286	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.09	0.12	0.23	0.07	0.006	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/23/82	3	1.04	0.867	1.16	0.4	0.167	0.409	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.13	0.13	0.19	0.07	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.27	0.285	0.38	0.22	0.005	0.072	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	9.35	10.575	16.1	7.5	15.369	3.92	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.07	0.083	0.13	0.06	0.001	0.032	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0.25	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	4	0.00	4	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	4	1.00	4	4	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



## Station Inventory for Station: COSW0179

NPS Station ID: COSW0179      LAT/LON: 33.927781/ -81.111115

Location: SAVANNAH BR AT S-32-72 1.7 MI NNW OF S CONGAREE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER      CONGAREE

RF1 Index: 03050110032

RF3 Index: 03050110014400.00

Description:

SAMPLED BY SC PCA. FIRST REPORTING DATE 11/24/70.      BRIDGE OVER SAVANNAH BRANCH ON SECONDARY ROAD NO. 72,

1.7 MILES NORTH NORTHEAST OF THE CENTER OF SOUTH CONGAREE LEXINGTON CO.

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-061

Within Park Boundary: No

Date Created: / /

Aquifer:

Water Body ID:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.05

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-06/19/97	131	23.	21.925	30.5	6.	18.902	4.348	16.	20.	25.	26.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/19/97	91	28.	26.538	41.	11.	36.524	6.043	19.	24.	30.	34.
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	11/24/70-10/02/73	4	7.	8.25	14.	5.	16.25	4.031	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	128	7.1	13.553	180.	0.9	441.857	21.02	2.49	3.925	16.75	29.1
00080 COLOR (PLATINUM-COBALT UNITS)	11/24/70-06/11/76	18	70.	83.611	160.	60.	864.134	29.396	60.	60.	100.	142.
00300 OXYGEN, DISSOLVED MG/L	11/24/70-06/19/97	131	6.6	6.916	11.4	4.2	1.504	1.227	5.42	6.2	7.6	8.2
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/24/70-11/25/70	2	87.5	87.5	91.	84.	24.5	4.95	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	11/25/70-07/01/97	133	1.9	2.027	6.4	0.05	0.679	0.824	1.1	1.5	2.5	3.06
00400 PH (STANDARD UNITS)	11/13/72-06/19/97	129	6.2	6.255	8.8	5.1	0.29	0.539	5.7	5.9	6.5	6.95
00400 CONVERTED PH (STANDARD UNITS)	11/13/72-06/19/97	129	6.2	6.006	8.8	5.1	0.353	0.594	5.7	5.9	6.5	6.95
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/72-06/19/97	129	0.631	0.987	7.943	0.002	1.367	1.169	0.112	0.316	1.259	1.995
00403 PH, LAB, STANDARD UNITS SU	11/24/70-09/15/92	96	6.1	6.041	7.4	4.9	0.265	0.515	5.4	5.6	6.4	6.8
00403 CONVERTED PH, LAB, STANDARD UNITS	11/24/70-09/15/92	96	6.1	5.768	7.4	4.9	0.34	0.583	5.4	5.6	6.4	6.8
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-09/15/92	96	0.794	1.707	12.589	0.04	4.438	2.107	0.158	0.398	2.512	3.981
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/24/70-09/01/88	50	4.5	6.52	46.	2.	51.193	7.155	3.	3.	6.	11.8
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-07/01/97	31	8.	8.516	20.	2.	23.658	4.864	3.	5.	12.	15.8
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-09/01/88	5	0.15	0.136	0.19	0.08	0.002	0.045	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/03/83-09/01/88	6	0.725	0.762	0.97	0.64	0.018	0.133	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/72-07/01/97	123	0.06	0.112	3.6	0.01	0.108	0.329	0.03	0.04	0.1	0.16
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	11/13/72-05/21/75	9	0.04	0.048	0.12	0.	0.001	0.033	0.	0.03	0.06	0.12
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	92	0.06	0.066	0.23	0.01	0.002	0.046	0.02	0.03	0.09	0.127
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/28/83-07/03/84	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/28/83-07/03/84	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	10/11/74-10/11/74	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	05/01/96-05/01/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	05/01/96-05/01/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/27/74-10/11/74	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/01/96-05/01/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/01/96-05/01/96	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/11/73-10/11/74	6	900.	956.333	1430.	710.	61720.667	248.436	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/27/74-10/11/74	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/01/96-05/01/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	05/01/96-05/01/96	1	20.	20.	20.	20.	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	05/01/96-05/01/96	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/01/96-05/01/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/91-10/02/92	2	305.	305.	500.	110.	76050.	275.772	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/91-10/02/92	2	2.37	2.37	2.699	2.041	0.216	0.465	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			234.521							
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	111	140.	217.378	1600.	5.	63182.91	251.362	57.6	77.	240.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	111	2.146	2.167	3.204	0.699	0.141	0.376	1.76	1.886	2.38
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			147.059							463.
31649	ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	70.	70.	70.	70.	0.	0.	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			70.							**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	23	0.02	0.033	0.1	0.01	0.001	0.029	0.01	0.01	0.04
71900	MERCURY, TOTAL (UG/L AS HG)	06/27/74-05/01/96	6	0.2	0.211	0.4	0.025	0.031	0.176	**	**	**
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/13/72-06/19/97	118	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0179

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	128	5	0.04	84	3	0.04				44	2	0.05			
00300	OXYGEN, DISSOLVED	4.	131	0	0.00	85	0	0.00	2	0	0.00	44	0	0.00			
00400	PH	9.	129	0	0.00	85	0	0.00				44	0	0.00			
	Other-Lo Lim.	6.5	129	102	0.79	85	71	0.84				44	31	0.70			
00403	PH, LAB	9.	96	0	0.00	61	0	0.00	2	0	0.00	33	0	0.00			
	Other-Lo Lim.	6.5	96	80	0.83	61	54	0.89	2	0	0.00	33	26	0.79			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	123	0	0.00	82	0	0.00				41	0	0.00			
01025	CADMIUM, DISSOLVED	3.9	0 &	0	0.00												
	Fresh Acute	5.	0 &	0	0.00												
01027	CADMIUM, TOTAL	3.9	0 &	0	0.00												
	Fresh Acute	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	18.	0 &	0	0.00												
	Drinking Water	1300.	5	0	0.00	4	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	18.	1	0	0.00							1	0	0.00			
	Fresh Acute	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	82.	5	0	0.00	4	0	0.00				1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
01051	LEAD, TOTAL	82.	1	0	0.00							1	0	0.00			
	Fresh Acute	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	120.	1	0	0.00							1	0	0.00			
	Fresh Acute	5000.	1	0	0.00							1	0	0.00			
31615	FECAL COLIFORM, MPN	200.	2	1	0.50	2	1	0.50									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	111	39	0.35	75	28	0.37				36	11	0.31			
31649	ENTEROCOCCI, ME, MF	33.	1	1	1.00	1	1	1.00									
71900	MERCURY, TOTAL	2.4	6	0	0.00	4	0	0.00				2	0	0.00			
	Drinking Water	2.	6	0	0.00	4	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-06/19/97	85	23.	22.035	30.5	9.5	20.838	4.565	14.5	19.5	25.	26.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/19/97	59	28.	26.339	41.	11.	45.762	6.765	14.	22.5	30.	35.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	84	6.85	14.09	180.	0.9	536.853	23.17	2.35	3.375	18.	28.
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-06/19/97	85	6.5	6.766	10.6	4.2	1.307	1.143	5.36	6.05	7.6	8.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/25/70-07/01/97	87	1.7	1.996	6.4	0.05	0.861	0.928	1.	1.4	2.5	3.12
00400	PH (STANDARD UNITS)	11/13/72-06/19/97	85	6.12	6.21	8.8	5.1	0.297	0.545	5.63	5.9	6.45	6.86
00400	CONVERTED PH (STANDARD UNITS)	11/13/72-06/19/97	85	6.12	5.969	8.8	5.1	0.355	0.596	5.63	5.9	6.45	6.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/72-06/19/97	85	0.759	1.073	7.943	0.002	1.466	1.211	0.14	0.355	1.259	2.348
00403	PH, LAB, STANDARD UNITS SU	11/24/70-09/15/92	61	6.1	6.016	7.4	4.9	0.269	0.519	5.32	5.65	6.4	6.68
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/70-09/15/92	61	6.1	5.73	7.4	4.9	0.353	0.594	5.32	5.65	6.4	6.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-09/15/92	61	0.794	1.864	12.589	0.04	5.996	2.449	0.21	0.398	2.254	4.806
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/24/70-09/01/88	31	5.	5.516	22.	2.	14.525	3.811	2.2	4.	6.	10.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/72-07/01/97	82	0.06	0.085	0.77	0.01	0.011	0.103	0.023	0.04	0.093	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	61	0.05	0.061	0.23	0.01	0.002	0.048	0.012	0.03	0.08	0.138
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	75	140.	223.627	1600.	5.	75417.832	274.623	44.2	74.	271.	482.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	75	2.146	2.157	3.204	0.699	0.166	0.408	1.645	1.869	2.433	2.683
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			143.671								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/13/72-06/19/97	77	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #2: 11/16 to 3/31 - Station COSW0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-06/19/97	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-06/19/97	2	10.65	10.65	10.8	10.5	0.045	0.212	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/25/70-07/01/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/24/70-09/15/92	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/70-09/15/92	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-09/15/92	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/24/70-09/01/88	2	35.	35.	46.	24.	242.	15.556	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

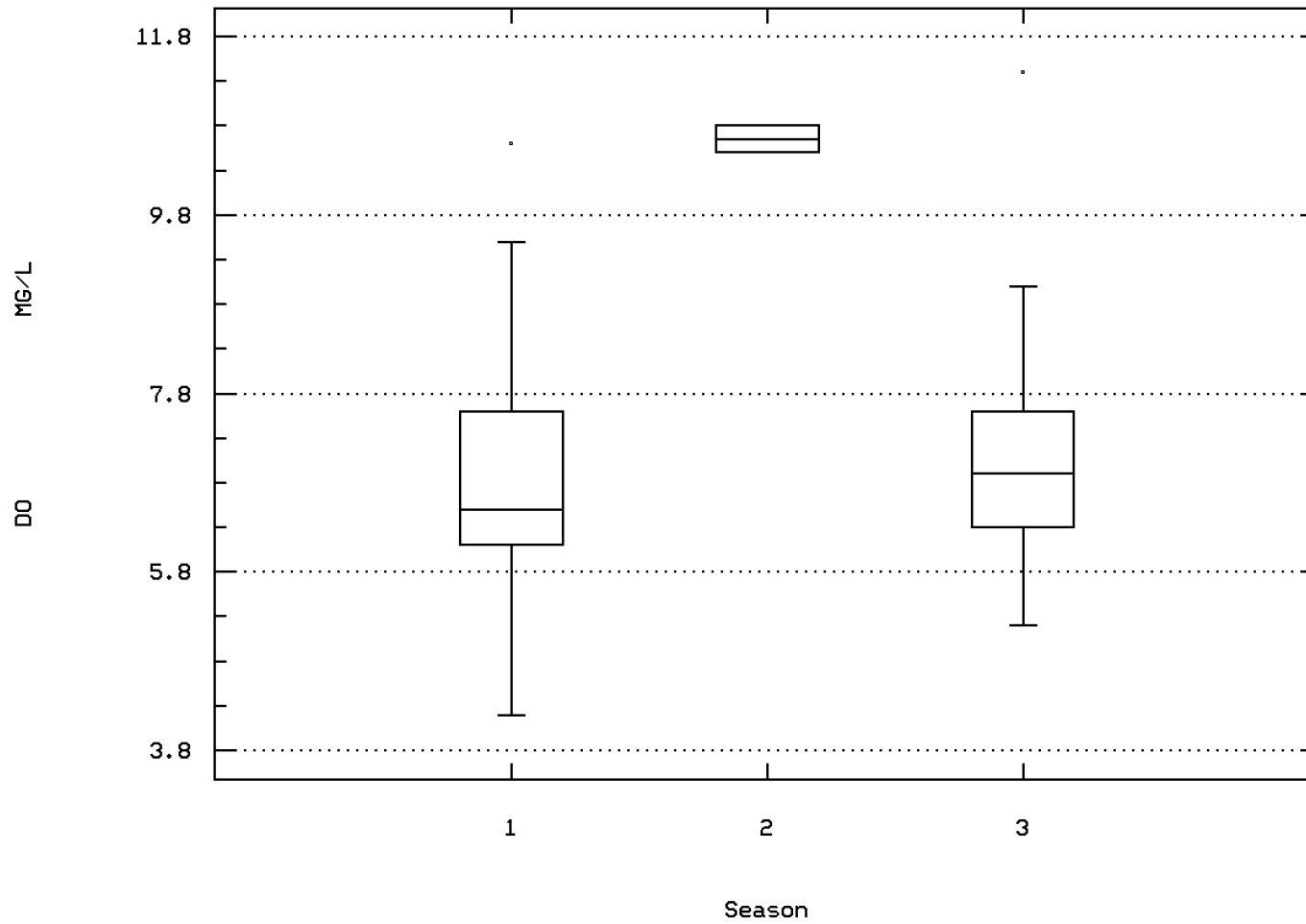
### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-06/19/97	44	22.75	22.391	27.	17.	5.786	2.405	19.25	20.5	24.5	25.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/19/97	32	26.25	26.906	35.	18.	20.201	4.495	20.	24.	30.	33.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	44	7.3	12.527	90.	1.3	267.127	16.344	2.65	4.	12.75	31.5
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-06/19/97	44	6.9	7.036	11.4	5.2	1.287	1.134	5.45	6.3	7.6	8.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/25/70-07/01/97	45	2.1	2.116	3.4	1.	0.31	0.557	1.42	1.7	2.55	2.84
00400	PH (STANDARD UNITS)	11/13/72-06/19/97	44	6.35	6.343	8.2	5.2	0.273	0.522	5.72	6.	6.6	7.
00400	CONVERTED PH (STANDARD UNITS)	11/13/72-06/19/97	44	6.347	6.086	8.2	5.2	0.34	0.583	5.72	6.	6.6	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/72-06/19/97	44	0.45	0.82	6.31	0.006	1.162	1.078	0.1	0.251	1.	1.907
00403	PH, LAB, STANDARD UNITS SU	11/24/70-09/15/92	33	6.	6.036	7.	5.4	0.241	0.49	5.4	5.6	6.45	6.76
00403	CONVERTED PH, LAB, STANDARD UNITS	11/24/70-09/15/92	33	6.	5.82	7.	5.4	0.289	0.537	5.4	5.6	6.45	6.76
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-09/15/92	33	1.	1.512	3.981	0.1	1.692	1.301	0.175	0.357	2.512	3.981
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/24/70-09/01/88	17	4.	5.	14.	3.	8.625	2.937	3.	3.	6.	10.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/72-07/01/97	41	0.07	0.167	3.6	0.01	0.305	0.552	0.03	0.04	0.12	0.176
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	31	0.07	0.075	0.2	0.01	0.002	0.042	0.026	0.05	0.1	0.118
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	36	140.	204.361	950.	49.	38862.066	197.135	69.7	92.5	230.	462.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/72-07/01/97	36	2.146	2.189	2.978	1.69	0.092	0.303	1.843	1.966	2.362	2.661
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			154.375								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	11/13/72-06/19/97	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station: COSW0179 Parameter Code: 00300

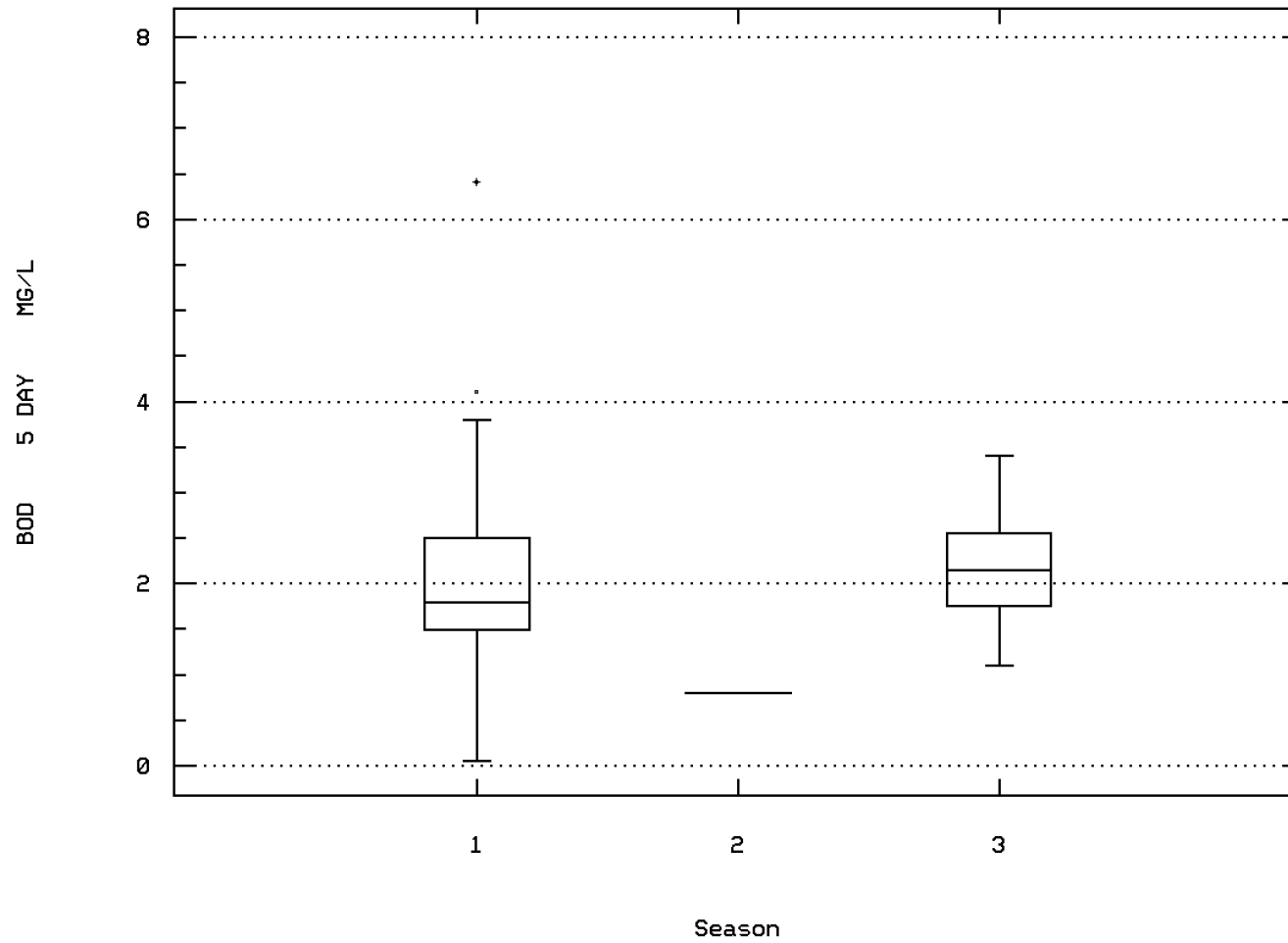
OXYGEN, DISSOLVED



SAVANNAH BR AT S-32-72 1.7 MI NNW OF S

Station: COSW0179 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



SAVANNAH BR AT S-32-72 1.7 MI NNW OF S

## Station Inventory for Station: COSW0180

NPS Station ID: COSW0180 LAT/LON: 33.958338/ -81.111115

Location: LK CAROLINE SPILLWAY AT PLHTT SPRINGS RD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER CONGAREE

RF1 Index: 03050110

RF3 Index: 03050110003300.50

Description:

SAMPLED BY SC PCA. FIRST REPORTING DATE 10/27/66.

(S.C. 602) IN SPRINGDALE. LEXINGTON COUNTY.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.04

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-025

Within Park Boundary: No

Aquifer:

Water Body ID:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.32

Date Created: / /

On/Off RF1:

On/Off RF3:

### Parameter Inventory for Station: COSW0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/66-06/23/97	143	23.	22.699	29.	12.5	13.925	3.732	17.	20.5	25.5	27.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/23/97	95	28.	27.279	41.	10.	30.775	5.548	20.	23.5	31.	34.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	10/27/66-06/08/71	3 ##	12.5	21.667	40.	12.5	252.083	15.877	**	**	**	**
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/03/69-10/02/73	11	9.	10.	19.	6.	15.6	3.95	6.	7.	13.	18.
00076 TURBIDITY_HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	127	6.	8.266	40.	1.5	46.413	6.813	3.1	4.2	9.5	17.
00080 COLOR (PLATINUM-COBALT UNITS)	10/27/66-06/11/76	27	110.	119.444	210.	60.	1839.103	42.885	78.	80.	140.	200.
00300 OXYGEN, DISSOLVED MG/L	10/27/66-06/23/97	143	7.2	7.13	12.2	3.1	1.572	1.254	5.68	6.5	7.8	8.56
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/27/66-08/23/72	10	82.5	82.33	95.	75.	41.378	6.433	75.1	76.225	86.25	94.2
00310 BOD, 5 DAY, 20 DEG C MG/L	10/27/66-07/01/97	144	2.3	2.837	12.5	0.05	3.591	1.895	1.	1.5	3.65	5.6
00335 COD, .025N K2CR2O7 MG/L	09/24/87-09/24/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/21/73-06/23/97	133	6.6	6.612	8.5	5.6	0.164	0.405	6.1	6.4	6.8	7.06
00400 CONVERTED PH (STANDARD UNITS)	05/21/73-06/23/97	133	6.6	6.446	8.5	5.6	0.192	0.438	6.1	6.4	6.8	7.06
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/23/97	133	0.251	0.358	2.512	0.003	0.144	0.38	0.088	0.158	0.398	0.794
00403 PH, LAB, STANDARD UNITS SU	10/27/66-09/15/92	105	6.5	6.496	7.7	5.2	0.208	0.456	5.9	6.2	6.8	7.1
00403 CONVERTED PH, LAB, STANDARD UNITS	10/27/66-09/15/92	105	6.5	6.219	7.7	5.2	0.285	0.534	5.9	6.2	6.8	7.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/66-09/15/92	105	0.316	0.603	6.31	0.02	1.095	1.047	0.079	0.158	0.631	1.259
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/66-06/28/83	58	12.	12.086	26.	4.	22.957	4.791	6.	9.	14.25	19.2
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-05/01/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	06/08/71-06/08/71	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/80-05/16/85	4	0.175	0.245	0.53	0.1	0.04	0.2	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/72-05/08/72	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	4	1.22	1.19	1.44	0.88	0.086	0.293	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/08/72-07/01/97	125	0.26	0.292	0.77	0.04	0.017	0.131	0.16	0.21	0.35	0.434
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/71-05/21/75	14	0.42	0.54	0.96	0.27	0.056	0.236	0.305	0.36	0.765	0.96
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/28/79-07/01/97	91	0.09	0.168	0.89	0.02	0.033	0.181	0.04	0.06	0.22	0.41
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	09/24/87-09/24/87	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/28/83-07/03/84	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/28/83-07/03/84	2	2.85	2.85	3.	2.7	0.045	0.212	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/13/73-10/11/74	3 ##	15.	26.667	50.	15.	408.333	20.207	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/73-09/12/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/13/73-10/11/74	7 ##	50.	42.857	50.	25.	148.81	12.199	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/21/73-10/11/74	9	1100.	1220.333	1746.	762.	116271.5	340.986	762.	929.	1550.	1746.

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### Parameter Inventory for Station: COSW0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	07/13/73-10/11/74	7 ##	25.	39.286	100.	25.	803.571	28.347	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,35C	10/27/66-08/09/71	5	1800.	2514.	5400.	790.	3709880.	1926.105	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	10/27/66-08/09/71	5	3.255	3.293	3.732	2.898	0.12	0.347	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED,M-ENDO MED,3	GEOMETRIC MEAN =			1961.359								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/69-10/02/92	7	1090.	895.714	1700.	170.	391495.238	625.696	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/03/69-10/02/92	7	3.037	2.817	3.23	2.23	0.166	0.407	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			655.44								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	116	290.	468.75	4900.	25.	430281.25	655.958	100.	171.25	487.5	1000.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	116	2.462	2.478	3.69	1.398	0.142	0.377	2.	2.234	2.688	3.
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			300.59								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			460.								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/05/75-10/29/79	22	0.14	0.172	0.36	0.06	0.006	0.075	0.079	0.118	0.228	0.267
71205 COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/09/71	3	3500.	3230.	5400.	790.	5367700.	2316.83	**	**	**	**
71205 LOG COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	06/08/71-08/09/71	3	3.544	3.391	3.732	2.898	0.192	0.438	**	**	**	**
71205 GM COLIFORM, UNCONFIRMED RESULTS, UNACCEPTABLE	GEOMETRIC MEAN =			2462.425								
71845 NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/08/71-06/08/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	07/13/73-10/11/74	7	0.3	0.389	0.8	0.025	0.067	0.26	**	**	**	**
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/23/97	122	0.3	0.291	0.3	0.05	0.002	0.039	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0180

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00				1	0	0.00			
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	127	0	0.00	82	0	0.00				45	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	143	4	0.03	96	3	0.03				47	1	0.02			
00400 PH	Other-Hi Lim.	9.	133	0	0.00	88	0	0.00				45	0	0.00			
	Other-Lo Lim.	6.5	133	57	0.43	88	41	0.47				45	16	0.36			
00403 PH, LAB	Other-Hi Lim.	9.	105	0	0.00	69	0	0.00				36	0	0.00			
	Other-Lo Lim.	6.5	105	59	0.56	69	38	0.55				36	21	0.58			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	125	0	0.00	82	0	0.00				43	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	7	0	0.00	6	0	0.00				1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	6 &	0	0.00	5	0	0.00				1	0	0.00			
	Drinking Water	15.	0 &	0	0.00												
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	4	0.80	4	4	1.00				1	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	6	0.86	5	5	1.00				2	1	0.50			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	116	79	0.68	73	46	0.63				43	33	0.77			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	1	1	1.00	1	1	1.00									
71900 MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	6	0	0.00				1	0	0.00			
	Drinking Water	2.	7	0	0.00	6	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/66-06/23/97	96	23.25	22.458	29.	12.5	17.335	4.164	15.7	20.	25.5	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/23/97	62	28.	26.935	41.	10.	34.742	5.894	18.95	22.	31.	33.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	82	6.1	8.243	40.	1.5	54.962	7.414	2.66	4.075	9.425	17.
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/66-06/11/76	18	110.	121.667	210.	60.	2085.294	45.665	78.	80.	145.	201.
00300p	OXYGEN, DISSOLVED MG/L	10/27/66-06/23/97	96	7.05	7.063	12.2	3.1	1.708	1.307	5.47	6.5	7.775	8.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/27/66-07/01/97	95	2.3	2.668	8.6	0.05	2.941	1.715	0.96	1.3	3.5	5.44
00400	PH (STANDARD UNITS)	05/21/73-06/23/97	88	6.6	6.6	8.5	5.6	0.172	0.415	6.097	6.3	6.8	7.01
00400	CONVERTED PH (STANDARD UNITS)	05/21/73-06/23/97	88	6.6	6.435	8.5	5.6	0.2	0.447	6.097	6.3	6.8	7.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/23/97	88	0.251	0.367	2.512	0.003	0.135	0.367	0.098	0.158	0.501	0.8
00403p	PH, LAB, STANDARD UNITS SU	10/27/66-09/15/92	69	6.5	6.472	7.6	5.2	0.219	0.468	5.9	6.25	6.75	7.
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/27/66-09/15/92	69	6.5	6.168	7.6	5.2	0.313	0.56	5.9	6.25	6.75	7.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/66-09/15/92	69	0.316	0.679	6.31	0.025	1.499	1.224	0.1	0.179	0.566	1.259
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/66-06/28/83	38	12.	12.211	22.	4.	24.549	4.955	6.	8.	15.	21.1
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	05/08/72-07/01/97	82	0.27	0.292	0.72	0.07	0.016	0.128	0.17	0.208	0.335	0.437
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/28/79-07/01/97	59	0.08	0.164	0.89	0.02	0.031	0.177	0.04	0.06	0.22	0.41
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	73	270.	423.863	3100.	25.	246598.148	496.586	97.	135.	480.	1054.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	73	2.431	2.444	3.491	1.398	0.149	0.386	1.987	2.13	2.681	3.022
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			278.221								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/23/97	80	0.3	0.293	0.3	0.15	0.001	0.033	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0180

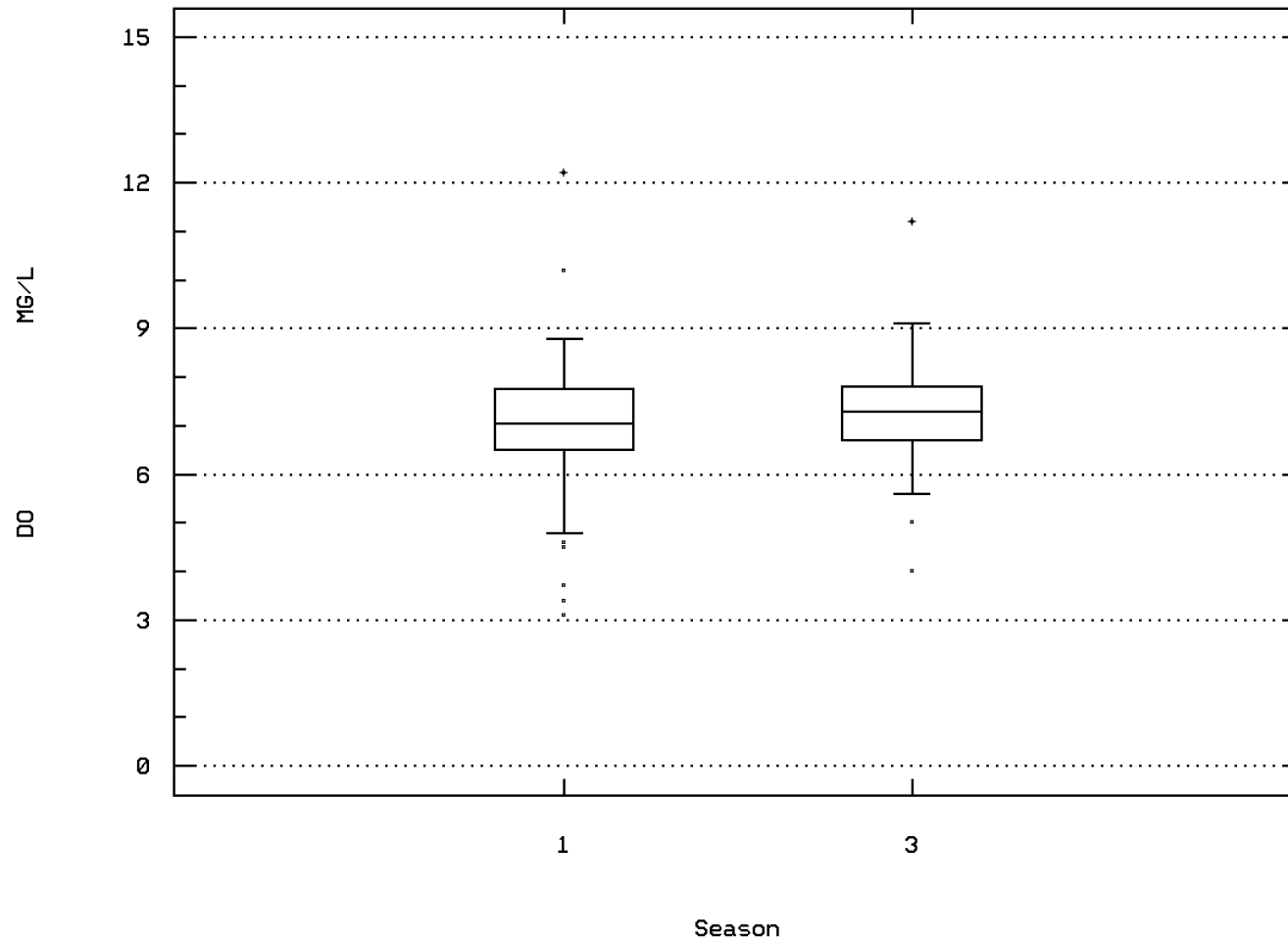
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/66-06/23/97	47	23.	23.189	27.	18.	6.818	2.611	19.	21.	25.5	26.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/06/80-06/23/97	33	27.	27.924	40.	19.	23.518	4.849	22.4	25.	31.	35.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/74-07/01/97	45	5.7	8.309	28.	3.2	31.727	5.633	3.96	4.6	10.5	16.8
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/66-06/11/76	9	110.	115.	190.	70.	1512.5	38.891	70.	82.5	140.	190.
00300p	OXYGEN, DISSOLVED MG/L	10/27/66-06/23/97	47	7.3	7.268	11.2	4.	1.297	1.139	6.	6.7	7.8	8.44
00310p	BOD, 5 DAY, 20 DEG C MG/L	10/27/66-07/01/97	49	2.3	3.165	12.5	0.9	4.772	2.184	1.3	1.6	4.05	6.
00400	PH (STANDARD UNITS)	05/21/73-06/23/97	45	6.6	6.637	7.9	5.6	0.15	0.387	6.16	6.5	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	05/21/73-06/23/97	45	6.6	6.468	7.9	5.6	0.179	0.423	6.16	6.5	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/73-06/23/97	45	0.251	0.341	2.512	0.013	0.165	0.407	0.079	0.158	0.316	0.696
00403p	PH, LAB, STANDARD UNITS SU	10/27/66-09/15/92	36	6.5	6.542	7.7	5.5	0.189	0.434	6.04	6.2	6.875	7.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/27/66-09/15/92	36	6.5	6.338	7.7	5.5	0.231	0.481	6.04	6.2	6.875	7.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/66-09/15/92	36	0.316	0.459	3.162	0.02	0.31	0.557	0.079	0.134	0.631	0.934
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/66-06/28/83	20	11.5	11.85	26.	4.	20.976	4.58	8.	9.	14.	16.
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	05/08/72-07/01/97	43	0.26	0.292	0.77	0.04	0.019	0.137	0.124	0.21	0.37	0.442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/28/79-07/01/97	32	0.09	0.176	0.8	0.02	0.036	0.19	0.043	0.07	0.218	0.417
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	43	300.	544.953	4900.	83.	745964.141	863.692	138.	200.	520.	960.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/03/69-07/01/97	43	2.477	2.535	3.69	1.919	0.128	0.358	2.139	2.301	2.716	2.982
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			342.762								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/21/73-06/23/97	42	0.3	0.287	0.3	0.05	0.002	0.049	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot



Station: COSW0180 Parameter Code: 00300

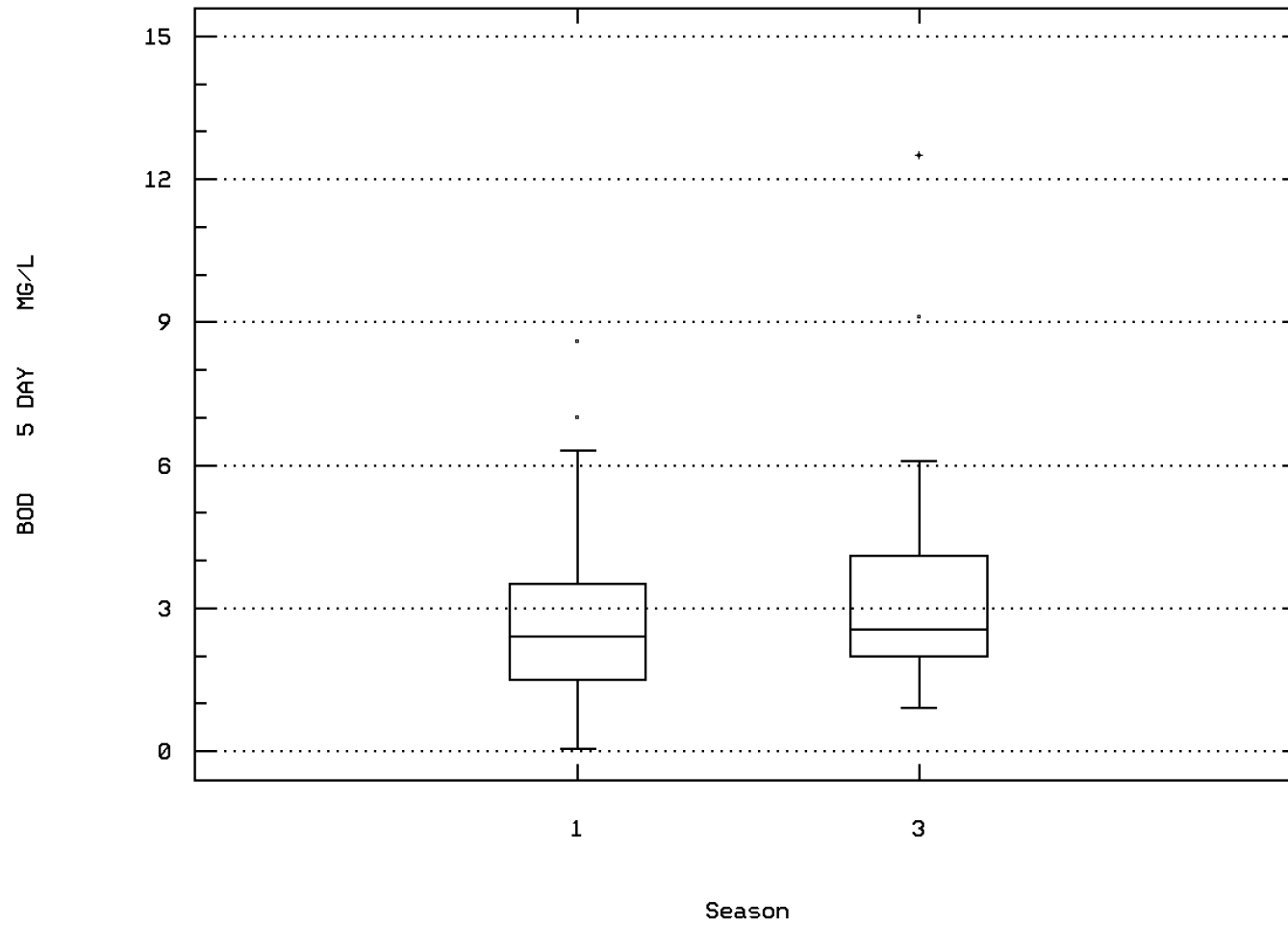
OXYGEN, DISSOLVED



LK CAROLINE SPILLWAY AT PLHTT SPRINGS R

Station: COSW0180 Parameter Code: 00310

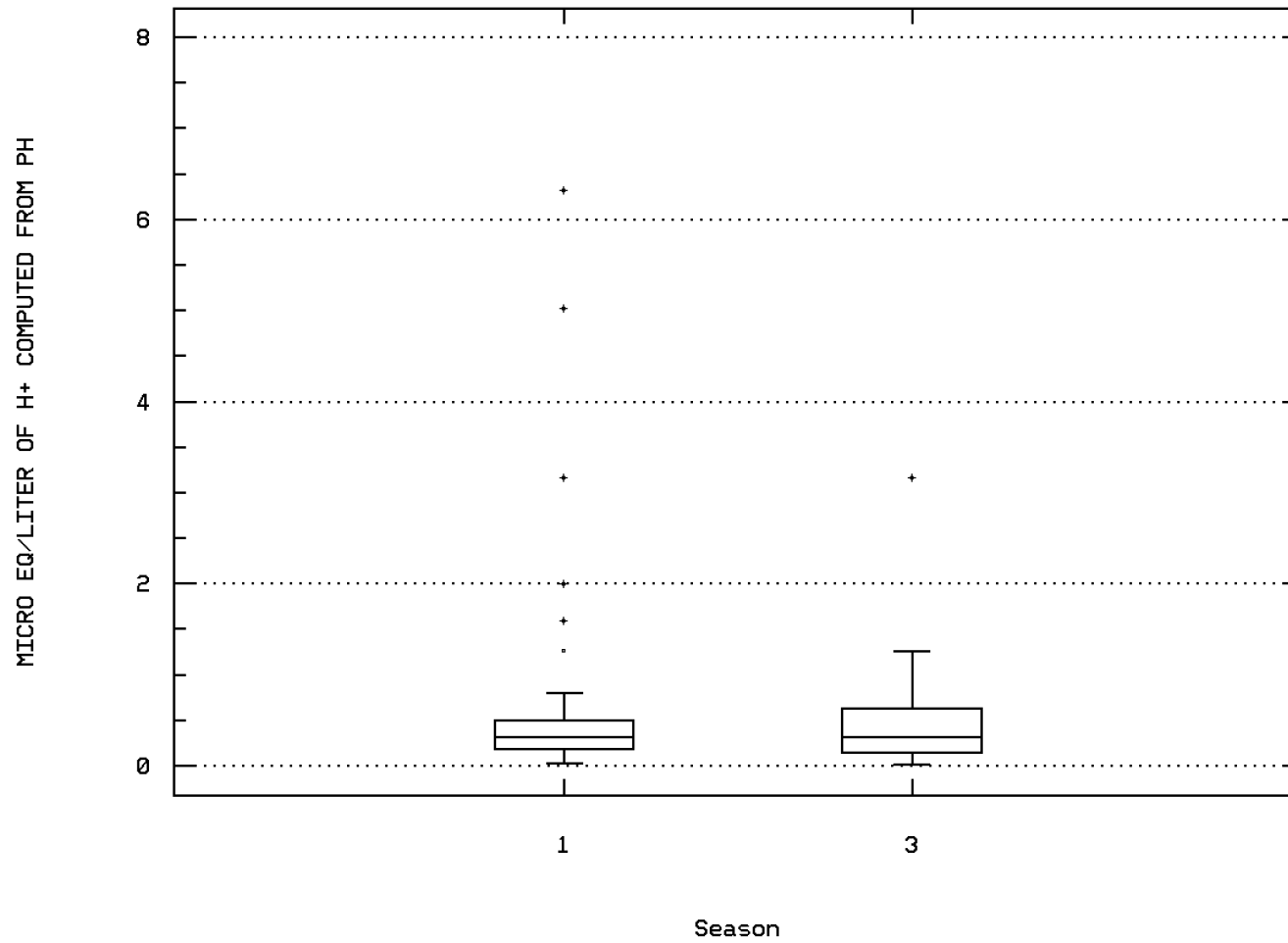
BOD, 5 DAY, 20 DEG C



LK CAROLINE SPILLWAY AT PLHTT SPRINGS R

Station: COSW0180 Parameter Code: 00403

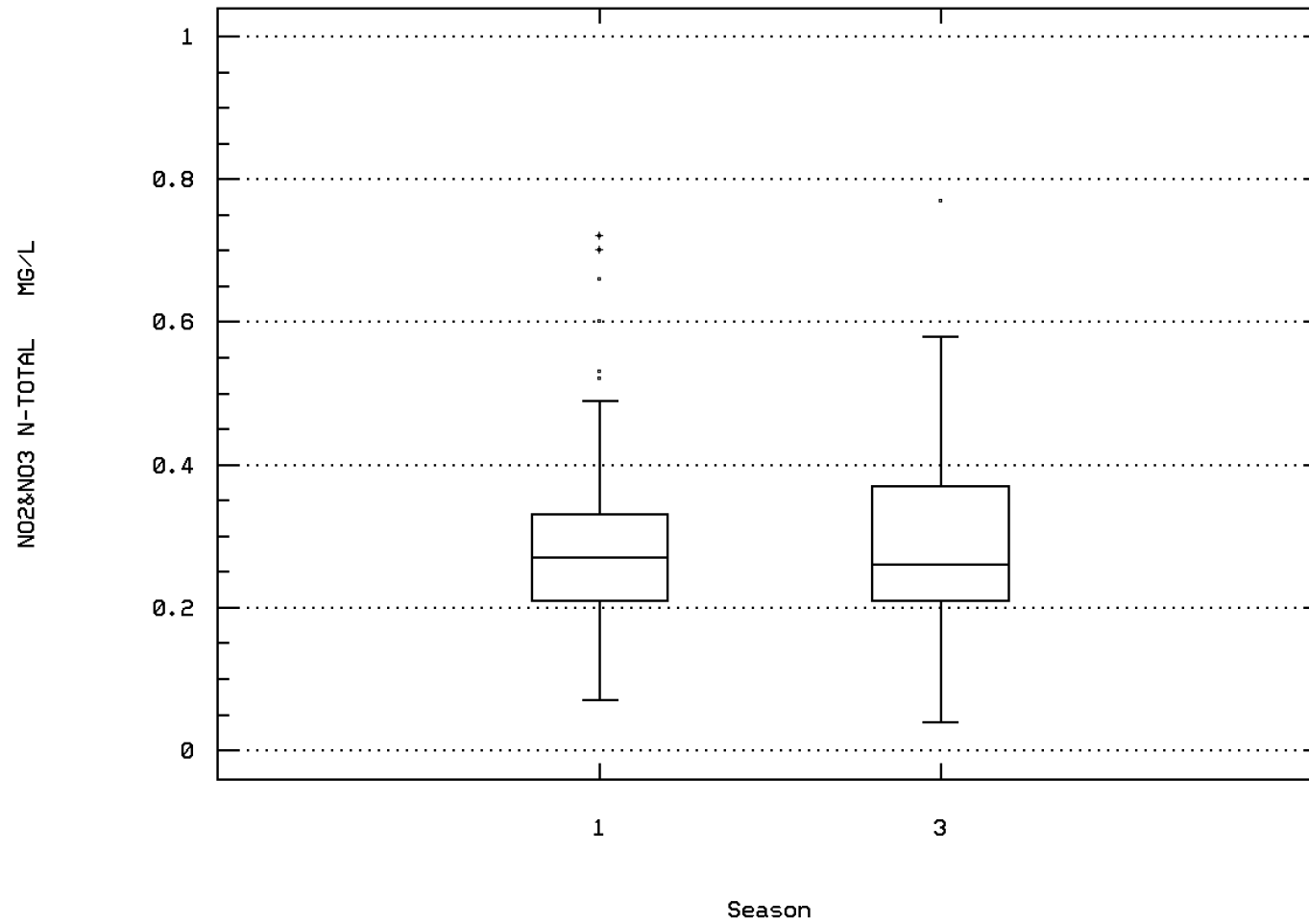
MICRO EQ/LITER OF H+ COMPUTED FROM PH



LK CAROLINE SPILLWAY AT PLHTT SPRINGS R

Station: COSW0180 Parameter Code: 00630

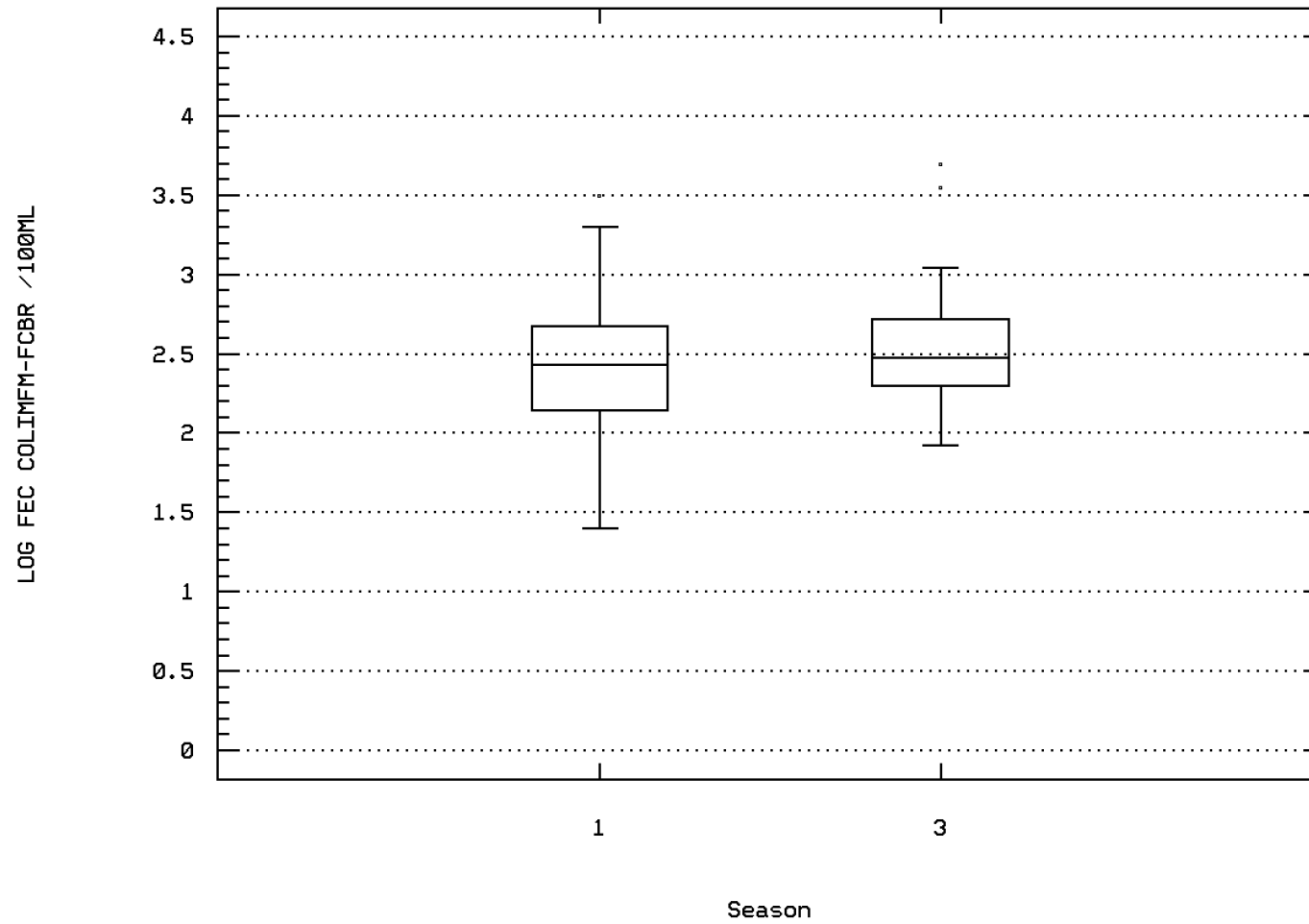
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



LK CAROLINE SPILLWAY AT PLHTT SPRINGS R

Station: COSW0180 Parameter Code: 31616

LOG FECAL COLIFORM, MEMBR FILTER, M-FC BR



LK CAROLINE SPILLWAY AT PLHTT SPRINGS R

Station Inventory for Station: COSW0181

NPS Station ID: COSW0181	LAT/LON: 33.979170/ -81.114449	Agency: 21SC60WQ	Date Created: 11/13/82
Location: SIX MILE CREEK AT US 1		FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): C-534	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 1	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: SANTEE-COOPER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 26.40	On/Off RF1:
RF3 Index: 03050110013500.00	RF3 Mile Point: 0.00	Distance from RF3: 0.22	On/Off RF3:
Description:			
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL FIRST REPORTING DATE: 82/07/15			
STATION ESTABLISHED FOR NUTRIENT ASSESSMENT 3.0 KM N SPRINGDALE			
SIX MILE CREEK AT US 1 STATION IS 3.0 AIRKM N SPRINGDALE			
LEXINGTON COUNTY			

Parameter Inventory for Station: COSW0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	22.	22.	26.5	17.5	24.167	4.916	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/82-09/24/82	2	15.25	15.25	18.	12.5	15.125	3.889	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	4.5	7.25	19.	1.	68.25	8.261	**	**	**	**
00065 STAGE, STREAM (FEET)	07/15/82-09/24/82	4	1.415	1.478	1.91	1.17	0.115	0.339	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	5.75	5.9	6.6	5.5	0.233	0.483	**	**	**	**
00400 PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.05	5.825	6.2	5.	0.309	0.556	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.047	5.508	6.2	5.	0.443	0.666	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	0.897	3.106	10.	0.631	21.144	4.598	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.185	0.23	0.46	0.09	0.027	0.164	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	1.06	1.155	2.	0.5	0.554	0.744	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.245	0.308	0.67	0.07	0.07	0.265	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.4	0.44	0.58	0.38	0.009	0.094	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	14.7	14.825	17.9	12.	6.149	2.48	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.185	0.19	0.25	0.14	0.002	0.047	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0181

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00	4	0	0.00						
	Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0182

NPS Station ID: COSW0182	LAT/LON: 33.981115/ -81.115559	Agency: 21SC60WQ	Date Created: 11/13/82
Location: SIX MILE CREEK AT COUNTY ROAD 1256		FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): C-532	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 03050110	Depth of Water: 1	Aquifer:	
Major Basin: SOUTHEAST	Elevation: 0	Water Body Id:	
Minor Basin: SANTEE-COOPER		ECO Region:	
RF1 Index: 03050110	RF1 Mile Point: 0.000	Distance from RF1: 28.90	On/Off RF1:
RF3 Index: 03050110037600.13	RF3 Mile Point: 0.12	Distance from RF3: 0.00	On/Off RF3:
Description:			
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL	FIRST REPORTING DATE: 82/07/15		
STATION ESTABLISHED FOR NUTRIENT ASSESSMENT	3.0 KM N SPRINGDALE		
SIX MILE CREEK AT COUNTY ROAD 1256	STATION IS 3.0 AIRKM N SPRINGDALE		
LEXINGTON COUNTY			

Parameter Inventory for Station: COSW0182

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	24.	24.	28.	20.	16.667	4.082	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/82-09/24/82	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	2.3	3.75	10.	0.4	20.09	4.482	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	3.85	3.925	5.7	2.3	3.149	1.775	**	**	**	**
00400 PH (STANDARD UNITS)	07/15/82-09/24/82	4	5.95	5.675	6.2	4.6	0.529	0.727	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	5.947	5.155	6.2	4.6	0.89	0.943	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	1.129	7.002	25.119	0.631	145.939	12.081	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/24/82	4	0.325	0.3	0.42	0.13	0.016	0.127	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	1.46	1.325	2.	0.38	0.615	0.784	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.04	0.04	0.07	0.01	0.001	0.024	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.43	0.435	0.58	0.3	0.015	0.122	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	12.65	12.7	13.8	11.7	0.873	0.935	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.16	0.16	0.18	0.14	0.	0.016	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0182

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	2	0.50	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00	4	0	0.00						
	Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: COSW0183

NPS Station ID: COSW0183

Location: UNNMD TRIB TO SIX MILE CK AT COUNTY ROAD 274

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110

RF3 Index: 03050110013500.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIRONMENTAL CONTROL

STATION ESTABLISHED FOR NUTRIENT ASSESSMENT

UNNAMED TRIBUTARY TO SIX MILE CREEK AT COUNTY ROAD 274 (METHODIST PARK ROAD)

STATION IS 3.0 AIRKM N SPRINGDALE

LAT/LON: 33.979448/ -81.117503

Depth of Water: 1

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

FIRST REPORTING DATE: 82/07/15

3.0 KM N SPRINGDALE

LEXINGTON COUNTY

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-533

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 24.80

Distance from RF3: 0.13

Date Created: 11/13/82

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: COSW0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/82-09/24/82	4	20.	20.25	26.	15.	30.917	5.56	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/16/82-09/24/82	3	19.	18.833	25.	12.5	39.083	6.252	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/82-09/24/82	4	2.	3.4	9.	0.6	15.04	3.878	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/15/82-09/24/82	4	6.35	6.15	6.5	5.4	0.27	0.52	**	**	**
00400	PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.	5.925	6.1	5.6	0.049	0.222	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/82-09/24/82	4	6.	5.877	6.1	5.6	0.052	0.228	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/82-09/24/82	4	1.	1.327	2.512	0.794	0.634	0.796	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/15/82-09/23/82	3	0.12	0.12	0.17	0.07	0.003	0.05	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/15/82-09/24/82	4	0.83	0.825	1.32	0.32	0.239	0.489	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/15/82-09/24/82	4	0.38	0.52	1.13	0.19	0.188	0.434	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/82-09/24/82	4	0.46	0.465	0.62	0.32	0.015	0.124	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/82-09/24/82	4	13.75	13.175	16.1	9.1	9.209	3.035	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/15/82-09/24/82	4	0.225	0.273	0.55	0.09	0.038	0.196	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: COSW0183

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00								
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00								
		Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



Station Inventory for Station: COSW0184

NPS Station ID: COSW0184

Location: CONBAREE CK AT CO.RD.168

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110034

RF3 Index: 03050110003400.00

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.916670/ -81.133337

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.310

RF3 Mile Point: 1.64

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-522

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.39

Date Created: 10/29/83

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0185

NPS Station ID: COSW0185  
Location: FIRST CK AT CO.RD.103.  
Station Type: /TYP/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE-COOPER  
RF1 Index: 03050110039  
RF3 Index: 03050110003601.12  
Description:  
STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STYDY

LAT/LON: 33.911115/-81.133337  
  
  
  
  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.310  
RF3 Mile Point: 1.11

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-521  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

Date Created: 10/29/83  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0185

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0186

NPS Station ID: COSW0186  
Location: DURHAM POND DAM  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE-COOPER  
RF1 Index: 03050110035  
RF3 Index: 03050110003500.97  
Description:  
SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL  
STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.916670/ -81.166671  
  
  
  
  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.860  
RF3 Mile Point: 0.97

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-528  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.09

Date Created: 10/29/83  
  
  
  
  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
** - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot												

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

**Station Inventory for Station: COSW0187**

NPS Station ID: COSW0187	LAT/LON: 33.908337/ -81.166671
Location: RED BANK CK AT CO. RD. 602	
Station Type: /TYPA/AMBNT/STREAM	
RMI-Indexes:	
RMI-Miles:	
HUC: 03050110	Depth of Water: 0
Major Basin: SOUTHEAST	Elevation: 0
Minor Basin: SANTEE-COOPER	
RF1 Index: 03050110036	RF1 Mile Point: 0.820
RF3 Index: 03050110042700.25	RF3 Mile Point: 3.59
Description:	
SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIROMENTAL CONTROL	
STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY	

LAT/LON: 33.908337/ -81.166671

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-519  
Within Park Boundary: No

Date Created: 10/29/83

Depth of Water: 0  
Elevation: 0

Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 18.60  
Distance from RF3: 0.18

On/Off RF1: OFF  
On/Off RF3:

FIRST REPORTED DATE: STORET 82/07/08

### Parameter Inventory for Station: COSW0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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\*\*\*\*\* No Parameter Data Available for this Station \*\*\*\*\*

Station Inventory for Station: COSW0188

NPS Station ID: COSW0188

Location: CONGAREE CK AT CO.RD.602

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110036

RF3 Index: 03050110003601.12

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.908337/ -81.166671

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.820

RF3 Mile Point: 1.11

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-520

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.04

Date Created: 10/29/83

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0189

NPS Station ID: COSW0189

Location: DURHAM POND MILL POND HEADWATERS

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110035

RF3 Index: 03050110003505.13

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.916670/ -81.166671

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.860

RF3 Mile Point: 5.13

FIRST REPORTED DATE: STORET 82/07/08

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-527

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.18

On/Off RF1: OFF

On/Off RF3:

Date Created: 10/29/83

Parameter Inventory for Station: COSW0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0190

NPS Station ID: COSW0190  
Location: HUNT POND DAM  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE-COOPER  
RF1 Index: 03050110035  
RF3 Index: 03050110003500.98  
Description:  
SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL  
STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.916670/ -81.166671  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 0.860  
RF3 Mile Point: 1.35

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-531  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.04

Date Created: 10/29/83  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0191

NPS Station ID: COSW0191

Location: HUNT POND HEADWATERS

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110035

RF3 Index: 03050110003500.97

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.916670/ -81.175004

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 1.520

RF3 Mile Point: 0.97

FIRST REPORTED DATE: STORET 82/06/09

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-530

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.09

On/Off RF1: OFF

On/Off RF3:

Date Created: 10/29/83

Parameter Inventory for Station: COSW0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



## Station Inventory for Station: COSW0192

NPS Station ID: COSW0192      LAT/LON: 33.925004/ -81.202781

Location: RED BANK CK ON SANDY SPRING RD BTWN CORD 1046602

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE COOPER      CONGAREE

RF1 Index: 03050110035

RF3 Index: 03050110003501.43

Description:

RED BANK CREEK AT SANDY SPRINGS ROAD (BETWEEN SEC RD #104 AND S C 602) THIS POINT IS APPROXIMATELY 100 YDS BELOW THE DISCHARGE OF OLD BARNWELL

ROAD UTILITIES TREATMENT PLANT

LEXINGTON COUNTY

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-067

Within Park Boundary: No

Date Created: / /

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.04

On/Off RF1: OFF

On/Off RF3:

### Parameter Inventory for Station: COSW0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/75-06/23/97	119	25.	23.845	32.	13.	13.308	3.648	19.	22.	26.5	28.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	90	28.	27.389	39.	4.5	31.605	5.622	20.	25.	31.	34.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/75-07/01/97	118	4.85	6.902	75.	1.	64.799	8.05	2.5	3.5	7.025	12.
00080 COLOR (PLATINUM-COBALT UNITS)	06/06/75-05/31/76	7	70.	67.143	100.	40.	515.476	22.704	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/06/75-06/23/97	119	7.4	7.5	11.4	4.8	0.836	0.914	6.5	6.9	8.	8.8
00310 BOD, 5 DAY, 20 DEG C MG/L	06/06/75-07/01/97	120	1.8	1.925	6.2	0.2	0.662	0.813	1.2	1.4	2.4	2.6
00400 PH (STANDARD UNITS)	06/06/75-06/23/97	119	6.3	6.345	8.9	5.2	0.26	0.51	5.8	6.1	6.6	6.95
00400 CONVERTED PH (STANDARD UNITS)	06/06/75-06/23/97	119	6.3	6.092	8.9	5.2	0.324	0.569	5.8	6.1	6.6	6.95
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-06/23/97	119	0.501	0.808	6.31	0.001	1.234	1.111	0.112	0.251	0.794	1.585
00403 PH, LAB, STANDARD UNITS SU	06/06/75-09/15/92	82	6.15	6.123	7.	5.	0.164	0.405	5.6	5.9	6.4	6.6
00403 CONVERTED PH, LAB, STANDARD UNITS	06/06/75-09/15/92	82	6.147	5.911	7.	5.	0.21	0.458	5.6	5.9	6.4	6.6
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-09/15/92	82	0.713	1.226	10.	0.1	2.794	1.672	0.251	0.398	1.259	2.512
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/75-06/28/83	36	4.	4.472	20.	2.	10.771	3.282	2.	3.	5.	6.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/92-07/01/97	29	7.	10.552	68.	2.	176.899	13.3	3.	4.5	9.5	27.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	0.095	0.113	0.21	0.05	0.005	0.071	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	4	0.645	0.625	0.81	0.4	0.029	0.169	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/75-07/01/97	113	0.17	0.21	0.98	0.01	0.028	0.168	0.06	0.1	0.27	0.386
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	90	0.08	0.09	0.7	0.01	0.007	0.081	0.03	0.058	0.103	0.139
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/28/83-07/03/84	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/28/83-07/03/84	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	89	60.	257.764	6600.	10.	736557.932	858.23	26.	40.5	175.	370.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	89	1.778	1.927	3.82	1.	0.261	0.511	1.415	1.607	2.243	2.568
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			84.498								
31649 ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	96.	96.	96.	96.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	1.982	1.982	1.982	1.982	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			96.								
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/75-10/29/79	23	0.02	0.021	0.06	0.01	0.	0.014	0.01	0.01	0.03	0.046
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/06/75-06/23/97	108	0.3	0.298	0.3	0.1	0.	0.019	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0192

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	118	1	0.01	79	1	0.01				39	0	0.00			
00300	OXYGEN, DISSOLVED	4.	119	0	0.00	79	0	0.00				40	0	0.00			
00400	PH	9.	119	0	0.00	79	0	0.00				40	0	0.00			
		6.5	119	87	0.73	79	63	0.80				40	24	0.60			
00403	PH, LAB	9.	82	0	0.00	54	0	0.00				28	0	0.00			
		6.5	82	71	0.87	54	48	0.89				28	23	0.82			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	113	0	0.00	75	0	0.00				38	0	0.00			
31615	FECAL COLIFORM, MPN	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	89	21	0.24	57	18	0.32				32	3	0.09			
31649	ENTEROCOCCI, ME, MF	33.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/75-06/23/97	79	25.	23.918	32.	13.	16.772	4.095	17.	21.5	27.	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	59	28.	27.153	39.	4.5	41.554	6.446	18.	25.	31.	34.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/75-07/01/97	79	4.9	7.597	75.	1.	86.024	9.275	2.6	3.8	8.1	17.
00300	OXYGEN, DISSOLVED MG/L	06/06/75-06/23/97	79	7.4	7.552	11.4	4.8	1.006	1.003	6.4	6.9	8.	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/75-07/01/97	80	1.7	1.868	6.2	0.2	0.778	0.882	1.	1.4	2.3	2.6
00400	PH (STANDARD UNITS)	06/06/75-06/23/97	79	6.3	6.32	8.9	5.25	0.238	0.488	5.8	6.05	6.5	6.8
00400	CONVERTED PH (STANDARD UNITS)	06/06/75-06/23/97	79	6.3	6.119	8.9	5.25	0.279	0.528	5.8	6.05	6.5	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-06/23/97	79	0.501	0.761	5.623	0.001	0.786	0.887	0.158	0.316	0.891	1.585
00403	PH, LAB, STANDARD UNITS SU	06/06/75-09/15/92	54	6.1	6.106	7.	5.	0.175	0.419	5.6	5.9	6.325	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/75-09/15/92	54	6.1	5.886	7.	5.	0.224	0.474	5.6	5.9	6.325	6.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-09/15/92	54	0.794	1.3	10.	0.1	3.148	1.774	0.251	0.475	1.259	2.512
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/75-06/28/83	24	4.	5.125	20.	3.	14.288	3.78	3.	3.	5.	9.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/75-07/01/97	75	0.17	0.202	0.98	0.03	0.029	0.169	0.05	0.09	0.25	0.384
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	59	0.07	0.08	0.27	0.01	0.002	0.044	0.025	0.05	0.1	0.13
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	57	70.	342.158	6600.	10.	1116220.564	1056.513	32.8	42.5	270.	436.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	57	1.845	2.012	3.82	1.	0.298	0.546	1.516	1.628	2.43	2.637
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			102.693								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/06/75-06/23/97	71	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/75-06/23/97	40	24.	23.7	29.	19.	6.69	2.586	20.55	22.	25.875	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	31	28.	27.839	35.	20.	13.106	3.62	22.4	25.	30.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/06/75-07/01/97	39	4.3	5.492	29.	1.7	19.891	4.46	2.5	3.2	6.3	9.6
00300	OXYGEN, DISSOLVED MG/L	06/06/75-06/23/97	40	7.3	7.398	9.6	6.	0.501	0.708	6.6	6.825	7.8	8.19
00310	BOD, 5 DAY, 20 DEG C MG/L	06/06/75-07/01/97	40	1.9	2.04	3.8	1.2	0.421	0.649	1.31	1.6	2.475	3.16
00400	PH (STANDARD UNITS)	06/06/75-06/23/97	40	6.4	6.394	7.65	5.2	0.306	0.553	5.609	6.1	6.748	7.
00400	CONVERTED PH (STANDARD UNITS)	06/06/75-06/23/97	40	6.4	6.044	7.65	5.2	0.431	0.657	5.609	6.1	6.748	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-06/23/97	40	0.398	0.903	6.31	0.022	2.148	1.466	0.1	0.18	0.794	2.465
00403	PH, LAB, STANDARD UNITS SU	06/06/75-09/15/92	28	6.25	6.157	6.7	5.1	0.147	0.383	5.69	5.9	6.475	6.61
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/75-09/15/92	28	6.247	5.964	6.7	5.1	0.186	0.431	5.69	5.9	6.475	6.61
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/75-09/15/92	28	0.566	1.085	7.943	0.2	2.173	1.474	0.246	0.337	1.259	2.047
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/75-06/28/83	12	3.	3.167	6.	2.	1.606	1.267	2.	2.	3.75	5.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/06/75-07/01/97	38	0.165	0.227	0.72	0.01	0.028	0.166	0.06	0.108	0.325	0.439
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	31	0.08	0.11	0.7	0.02	0.015	0.123	0.034	0.06	0.11	0.19
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	32	46.	107.438	1100.	14.	38052.77	195.071	19.3	39.25	98.5	243.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/06/75-07/01/97	32	1.663	1.776	3.041	1.146	0.165	0.407	1.285	1.594	1.993	2.379
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.702								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	06/06/75-06/23/97	37	0.3	0.295	0.3	0.1	0.001	0.033	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

## Station Inventory for Station: COSW0193

NPS Station ID: COSW0193  
 Location: RED BANK CK AT CO RD 244  
 Station Type: /TYPA/AMBNT/STREAM  
 RMI-Indexes:  
 RMI-Miles:  
 HUC: 03050110  
 Major Basin: SOUTHEAST  
 Minor Basin: SANTEE COOPER CONGAREE  
 RF1 Index: 03050110035  
 RF3 Index: 03050110037700.41  
 Description:  
 RED BANK CREEK AT SECONDARY ROAD NO 244

LAT/LON: 33.927781/ -81.211116

Depth of Water: 0  
 Elevation: 0  
 RF1 Mile Point: 3.880  
 RF3 Mile Point: 0.41

Agency: 21SC60WQ  
 FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
 STORET Station ID(s): C-066  
 Within Park Boundary: No

Date Created: / /

Aquifer:  
 Water Body Id:  
 ECO Region:  
 Distance from RF1: 21.30  
 Distance from RF3: 0.08

On/Off RF1: OFF  
 On/Off RF3:

### Parameter Inventory for Station: COSW0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/75-06/23/97	121	25.	24.177	30.	13.	13.705	3.702	19.5	22.	27.	29.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	91	28.	27.588	40.	4.	33.131	5.756	21.	25.	31.	34.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/06/75-07/01/97	119	4.4	5.407	26.	1.	16.315	4.039	2.5	3.3	5.8	8.8
00080 COLOR (PLATINUM-COBALT UNITS)	05/06/75-05/31/76	8	60.	66.875	120.	45.	592.411	24.339	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/06/75-06/23/97	121	7.7	7.621	12.2	5.6	0.974	0.987	6.4	6.9	8.2	8.7
00310 BOD, 5 DAY, 20 DEG C MG/L	05/06/75-07/01/97	121	1.9	2.017	4.4	0.6	0.499	0.707	1.2	1.6	2.4	2.8
00400 PH (STANDARD UNITS)	05/06/75-06/23/97	121	6.4	6.415	8.5	5.1	0.257	0.507	5.86	6.2	6.6	6.9
00400 CONVERTED PH (STANDARD UNITS)	05/06/75-06/23/97	121	6.4	6.151	8.5	5.1	0.327	0.572	5.86	6.2	6.6	6.9
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-06/23/97	121	0.398	0.707	7.943	0.003	1.281	1.132	0.126	0.251	0.631	1.382
00403 PH, LAB, STANDARD UNITS SU	05/06/75-09/15/92	84	6.2	6.199	7.2	4.9	0.168	0.41	5.65	5.9	6.5	6.7
00403 CONVERTED PH, LAB, STANDARD UNITS	05/06/75-09/15/92	84	6.2	5.982	7.2	4.9	0.216	0.464	5.65	5.9	6.5	6.7
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-09/15/92	84	0.631	1.043	12.589	0.063	2.5	1.581	0.2	0.316	1.259	2.254
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/75-06/28/83	37	4.	3.676	7.	2.	1.392	1.18	2.	3.	4.	5.2
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/80-05/16/85	4	0.09	0.138	0.32	0.05	0.015	0.123	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/11/84-05/16/85	4	0.76	0.693	0.81	0.44	0.029	0.17	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/06/75-07/01/97	115	0.06	0.08	0.45	0.01	0.006	0.079	0.01	0.03	0.1	0.174
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	05/06/75-05/06/75	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	90	0.04	0.042	0.15	0.01	0.001	0.027	0.02	0.025	0.05	0.08
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/28/83-07/03/84	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/28/83-07/03/84	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/28/83-07/03/84	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/02/92-10/02/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	100	18.5	69.635	1100.	0.5	23149.05	152.148	3.1	7.	54.5	204.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	100	1.267	1.309	3.041	-0.301	0.43	0.656	0.49	0.845	1.736	2.308
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	100	1.267	1.309	3.041	-0.301	0.43	0.656	0.49	0.845	1.736	2.308
31649 ENTEROCOCCI- ME-MF N0/100ML	07/01/97-07/01/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31649 LOG ENTEROCOCCI- ME-MF N0/1	07/01/97-07/01/97	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31649 GM ENTEROCOCCI- ME-MF N0/10	07/01/97-07/01/97	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/06/75-10/29/79	23 ##	0.01	0.019	0.06	0.01	0.	0.014	0.01	0.01	0.03	0.046
82048 DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/06/75-06/23/97	110	0.3	0.298	0.3	0.1	0.	0.019	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

### EPA Water Quality Criteria Analysis for Station: COSW0193

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	119	0	0.00	79	0	0.00				40	0	0.00			
00300	OXYGEN, DISSOLVED	4.	121	0	0.00	80	0	0.00				41	0	0.00			
00400	PH	9.	121	0	0.00	80	0	0.00				41	0	0.00			
		6.5	121	84	0.69	80	61	0.76				41	23	0.56			
00403	PH, LAB	9.	84	0	0.00	55	0	0.00				29	0	0.00			
		6.5	84	69	0.82	55	47	0.85				29	22	0.76			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	115	0	0.00	76	0	0.00				39	0	0.00			
31615	FECAL COLIFORM, MPN	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	100	10	0.10	66	8	0.12				34	2	0.06			
31649	ENTEROCOCCI, ME, MF	33.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

### Seasonal Analysis for Season #1: 7/01 to 11/15 - Station COSW0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/75-06/23/97	80	25.	24.281	30.	13.	17.271	4.156	17.	22.	27.5	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	60	28.	27.283	40.	4.	42.173	6.494	19.	25.	31.	34.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/06/75-07/01/97	79	4.5	5.641	26.	1.	17.35	4.165	2.6	3.3	6.1	10.
00300	OXYGEN, DISSOLVED MG/L	05/06/75-06/23/97	80	7.65	7.649	12.2	5.6	1.176	1.085	6.4	6.825	8.3	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/75-07/01/97	80	1.9	1.93	4.1	0.6	0.422	0.65	1.02	1.6	2.375	2.69
00400	PH (STANDARD UNITS)	05/06/75-06/23/97	80	6.4	6.389	8.5	5.1	0.242	0.492	5.905	6.2	6.5	6.8
00400	CONVERTED PH (STANDARD UNITS)	05/06/75-06/23/97	80	6.4	6.16	8.5	5.1	0.295	0.543	5.905	6.2	6.5	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-06/23/97	80	0.398	0.692	7.943	0.003	1.06	1.029	0.158	0.316	0.631	1.245
00403	PH, LAB, STANDARD UNITS SU	05/06/75-09/15/92	55	6.2	6.18	7.2	4.9	0.173	0.416	5.66	5.9	6.4	6.6
00403	CONVERTED PH, LAB, STANDARD UNITS	05/06/75-09/15/92	55	6.2	5.959	7.2	4.9	0.223	0.472	5.66	5.9	6.4	6.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-09/15/92	55	0.631	1.1	12.589	0.063	3.067	1.751	0.251	0.398	1.259	2.202
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/75-06/28/83	24	4.	3.583	7.	2.	1.297	1.139	2.	3.	4.	5.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/06/75-07/01/97	76	0.055	0.08	0.45	0.01	0.007	0.083	0.01	0.03	0.09	0.173
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	59	0.03	0.04	0.13	0.01	0.001	0.026	0.02	0.025	0.05	0.08
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	66	25.5	74.841	600.	0.5	16981.578	130.313	4.	9.	64.25	286.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	66	1.406	1.411	2.778	-0.301	0.407	0.638	0.602	0.954	1.808	2.456
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.744								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/06/75-06/23/97	72	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

### Seasonal Analysis for Season #3: 4/01 to 6/30 - Station COSW0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/75-06/23/97	41	24.	23.973	29.	18.	6.94	2.634	20.2	22.	26.	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/80-06/23/97	31	28.	28.177	39.	21.	15.909	3.989	22.4	25.	31.	32.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/06/75-07/01/97	40	4.2	4.945	25.	1.6	14.333	3.786	2.41	3.1	5.35	8.02
00300	OXYGEN, DISSOLVED MG/L	05/06/75-06/23/97	41	7.7	7.568	9.2	6.	0.595	0.772	6.62	6.95	8.15	8.58
00310	BOD, 5 DAY, 20 DEG C MG/L	05/06/75-07/01/97	41	2.	2.185	4.4	0.9	0.62	0.788	1.32	1.7	2.45	3.72
00400	PH (STANDARD UNITS)	05/06/75-06/23/97	41	6.5	6.465	7.9	5.1	0.289	0.538	5.7	6.2	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	05/06/75-06/23/97	41	6.5	6.133	7.9	5.1	0.402	0.634	5.7	6.2	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-06/23/97	41	0.316	0.736	7.943	0.013	1.747	1.322	0.079	0.158	0.631	1.995
00403	PH, LAB, STANDARD UNITS SU	05/06/75-09/15/92	29	6.3	6.234	6.8	5.2	0.162	0.403	5.6	5.95	6.55	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/06/75-09/15/92	29	6.3	6.029	6.8	5.2	0.206	0.454	5.6	5.95	6.55	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/75-09/15/92	29	0.501	0.935	6.31	0.158	1.477	1.215	0.158	0.284	1.129	2.512
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/06/75-06/28/83	13	4.	3.846	6.	2.	1.641	1.281	2.	3.	4.5	6.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/06/75-07/01/97	39	0.06	0.079	0.38	0.01	0.005	0.07	0.01	0.04	0.1	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/80-07/01/97	31	0.04	0.045	0.15	0.01	0.001	0.029	0.021	0.025	0.05	0.08
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	34	8.	59.529	1100.	2.	35839.166	189.312	2.	5.	41.	116.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/75-07/01/97	34	0.903	1.11	3.041	0.301	0.428	0.654	0.301	0.699	1.612	2.048
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.896								
82048	DEPTH TO BOTTOM OF THE SAMPLING INTERVAL (METERS)	05/06/75-06/23/97	38	0.3	0.295	0.3	0.1	0.001	0.032	0.3	0.3	0.3	0.3

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding box-and-whisker plot

Station Inventory for Station: COSW0194

NPS Station ID: COSW0194  
Location: RED BANK MILL POND HEADWATERS  
Station Type: /TYPA/AMBNT/STREAM  
RMI-Indexes:  
RMI-Miles:  
HUC: 03050110  
Major Basin: SOUTHEAST  
Minor Basin: SANTEE-COOPER  
RF1 Index: 03050110035  
RF3 Index: 03050110003505.13  
Description:  
SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL  
STATION ESTABLISHED AS PART OF RED BANK CK AND CONGAREE CK STUDY

LAT/LON: 33.930559/ -81.233337  
  
  
  
  
  
Depth of Water: 0  
Elevation: 0  
  
RF1 Mile Point: 5.130  
RF3 Mile Point: 5.13

Agency: 21SC60WQ  
FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON  
STORET Station ID(s): C-526  
Within Park Boundary: No  
  
Aquifer:  
Water Body Id:  
ECO Region:  
Distance from RF1: 0.00  
Distance from RF3: 0.14

Date Created: 10/29/83  
  
  
  
  
  
On/Off RF1: OFF  
On/Off RF3:

Parameter Inventory for Station: COSW0194

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**

\*\* - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*

Station Inventory for Station: COSW0195

NPS Station ID: COSW0195

Location: RED BANK MILL POND HEADWATERS

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110035

RF3 Index: 03050110038600.11

Description:

SAMPLED BY SOUTH CAROLINA DEPT HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF REDBANK CK AND CONGAREE CK STUDY

LAT/LON: 33.930559/ -81.238893

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 5.770

RF3 Mile Point: 0.10

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-525

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 6.10

Distance from RF3: 0.09

Date Created: 10/29/83

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32209 CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/07/82-07/07/82	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
** - Less than 9 observations    ## - Computed with 50% or more of the total observations as values that were half the detection limit    p - Has a corresponding time series plot												

\*\*\*\*\* No EPA Water Quality Criteria exist to compare against the data at this station. \*\*\*\*\*



Station Inventory for Station: COSW0196

NPS Station ID: COSW0196

Location: IRWIN'S POND MUDDY SPRINGS RD MIDDLE OF PND

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110035

RF3 Index: 03050110038600.11

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF THE LEXINGTON CO. WTP AND STREAM SURVEY

LAT/LON: 33.919448/ -81.275003

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 7.950

RF3 Mile Point: 0.10

FIRST DATE REPORTED: STORET 84/01/13

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-554

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 8.70

Distance from RF3: 0.23

On/Off RF1: OFF

On/Off RF3:

Date Created: 02/04/84

Parameter Inventory for Station: COSW0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

Station Inventory for Station: COSW0197

NPS Station ID: COSW0197

Location: OSWALD PND EFF TRIB ENTERS AB IRWIN PND & BL 005

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 03050110

Major Basin: SOUTHEAST

Minor Basin: SANTEE-COOPER

RF1 Index: 03050110035

RF3 Index: 03050110003507.87

Description:

SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIROMENTAL CONTROL

STATION ESTABLISHED AS PART OF THE LEXINGTON CO. WTP AND STREAM SURVEY

LAT/LON: 33.919448/ -81.280560

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 8.700

RF3 Mile Point: 8.00

FIRST DATE REPORTED: STORET 84/01/13

Agency: 21SC60WQ

FIPS State/County: 45063 SOUTH CAROLINA/LEXINGTON

STORET Station ID(s): C-555

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.07

Date Created: 02/04/84

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: COSW0197

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** No Parameter Data Available for this Station *****												

## EPA Water Quality Criteria Analysis for Entire COSW Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15			11/16-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	173	54	0.31	90	27	0.30	48	20	0.42	35	7	0.20		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3736	134	0.04	1678	39	0.02	1007	70	0.07	1051	25	0.02		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8767	563	0.06	3025	262	0.09	3758	173	0.05	1984	128	0.06		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4949	142	0.03	2254	104	0.05	1331	8	0.01	1364	30	0.02		
00400	PH	Other-Hi Lim.	9.	4448	0	0.00	2031	0	0.00	1203	0	0.00	1214	0	0.00		
		Other-Lo Lim.	6.5	4448	1979	0.44	2031	1049	0.52	1203	398	0.33	1214	532	0.44		
00403	PH, LAB	Other-Hi Lim.	9.	3232	2	0.00	1453	0	0.00	864	1	0.00	915	1	0.00		
		Other-Lo Lim.	6.5	3232	1600	0.50	1453	790	0.54	864	353	0.41	915	457	0.50		
00406	PH, FIELD	Other-Hi Lim.	9.	1028	0	0.00	370	0	0.00	396	0	0.00	262	0	0.00		
		Other-Lo Lim.	6.5	1028	427	0.42	370	159	0.43	396	174	0.44	262	94	0.36		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	944	0	0.00	451	0	0.00	189	0	0.00	304	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00		
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	837	0	0.00	405	0	0.00	148	0	0.00	284	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	58	0	0.00	12	0	0.00	23	0	0.00	23	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3987	1	0.00	1856	1	0.00	1047	0	0.00	1084	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	945	0	0.00	452	0	0.00	189	0	0.00	304	0	0.00		
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00					
		Drinking Water	0.2	1	0	0.00				1	0	0.00					
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	218	0	0.00	89	0	0.00	79	0	0.00	50	0	0.00		
		Drinking Water	250.	218	0	0.00	89	0	0.00	79	0	0.00	50	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	116	0	0.00	45	0	0.00	45	0	0.00	26	0	0.00		
		Drinking Water	250.	116	0	0.00	45	0	0.00	45	0	0.00	26	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	191	0	0.00	76	0	0.00	74	0	0.00	41	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	116	0	0.00	45	0	0.00	45	0	0.00	26	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	166	0	0.00	64	0	0.00	61	0	0.00	41	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	9	0	0.00	1	0	0.00	7	0	0.00	1	0	0.00		
		Drinking Water	50.	9	0	0.00	1	0	0.00	7	0	0.00	1	0	0.00		
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00		
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	17	0	0.00	10	0	0.00	6	0	0.00	1	0	0.00		
		Drinking Water	50.	17	0	0.00	10	0	0.00	6	0	0.00	1	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	287	0	0.00	28	0	0.00	152	0	0.00	107	0	0.00		
01006	BARIUM, SUSPENDED	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	18	0	0.00	7	0	0.00	7	0	0.00	4	0	0.00		
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	1	0.50	1	1	1.00				1	0	0.00		
		Drinking Water	4.	2	1	0.50	1	1	1.00				1	0	0.00		
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	14	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00		
		Drinking Water	4.	4 &	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	314 &	24	0.08	33	5	0.15	164	11	0.07	117	8	0.07		
		Drinking Water	5.	314 &	24	0.08	33	5	0.15	164	11	0.07	117	8	0.07		
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	607 &	136	0.22	218	43	0.20	239	58	0.24	150	35	0.23		
		Drinking Water	5.	607 &	118	0.19	218	38	0.17	239	50	0.21	150	30	0.20		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	476	14	0.03	102	1	0.01	212	1	0.00	162	12	0.07		
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
01034	CHROMIUM, TOTAL	Drinking Water	100.	1603	3	0.00	585	0	0.00	605	3	0.00	413	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	305 &	15	0.05	35	6	0.17	156	4	0.03	114	5	0.04		
		Drinking Water	1300.	556	0	0.00	161	0	0.00	221	0	0.00	174	0	0.00		
01041	COPPER, SUSPENDED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	1218 &	365	0.30	439	135	0.31	450	123	0.27	329	107	0.33		
		Drinking Water	1300.	1689	1	0.00	618	0	0.00	634	0	0.00	437	1	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	514 &	7	0.01	136	2	0.01	204	0	0.00	174	5	0.03		
		Drinking Water	15.	301 &	10	0.03	32	3	0.09	154	1	0.01	115	6	0.05		
01050	LEAD, SUSPENDED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	4	1	0.25	1	0	0.00	2	0	0.00	1	1	1.00		
01051	LEAD, TOTAL	Fresh Acute	82.	1725	17	0.01	622	2	0.00	650	13	0.02	453	2	0.00		
		Drinking Water	15.	760 &	251	0.33	273	83	0.30	281	90	0.32	206	78	0.38		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire COSW Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-11/15			11/16-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	417	0	0.00	79	0	0.00	197	0	0.00	141	0	0.00			
	Drinking Water	100.	417	2	0.00	79	0	0.00	197	2	0.01	141	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1604	0	0.00	570	0	0.00	613	0	0.00	421	0	0.00			
	Drinking Water	100.	1604	7	0.00	570	0	0.00	613	2	0.00	421	5	0.01			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01076 SILVER, SUSPENDED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	4 &	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	394	1	0.00	73	1	0.01	187	0	0.00	134	0	0.00			
	Drinking Water	5000.	394	0	0.00	73	0	0.00	187	0	0.00	134	0	0.00			
01091 ZINC, SUSPENDED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	1650 &	83	0.05	599	41	0.07	626	28	0.04	425	14	0.03			
	Drinking Water	5000.	1651	0	0.00	600	0	0.00	626	0	0.00	425	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01146 SELENIUM, SUSPENDED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	74	0	0.00	35	0	0.00	22	0	0.00	17	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	93	70	0.75	45	31	0.69	9	9	1.00	39	30	0.77			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	10	0.48	12	8	0.67	8	2	0.25	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	14	6	0.43	4	2	0.50	8	2	0.25	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	229	106	0.46	84	51	0.61	66	17	0.26	79	38	0.48			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3356	1137	0.34	1501	547	0.36	879	263	0.30	976	327	0.34			
31625 FECAL COLIFORM, MF	Other-Hi Lim.	200.	60	30	0.50	32	20	0.63	16	4	0.25	12	6	0.50			
31649 ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	17	13	0.76	17	13	0.76									
32101 BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
32102 CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
	Drinking Water	5.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
32103 1,2-DICHLOROETHANE, WHOLE WATER	Fresh Acute	118000.	30	0	0.00	19	0	0.00	9	0	0.00	2	0	0.00			
	Drinking Water	5.	30	0	0.00	19	0	0.00	9	0	0.00	2	0	0.00			
32104 BROMOFORM, WHOLE WATER	Drinking Water	100.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
32105 DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
32106 CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	68	0	0.00	19	0	0.00	33	0	0.00	16	0	0.00			
	Drinking Water	100.	68	0	0.00	19	0	0.00	33	0	0.00	16	0	0.00			
34010 TOLUENE IN WTR SMPLE GC-MS, HEXADECAENE E	Fresh Acute	17500.	67	0	0.00	19	0	0.00	32	0	0.00	16	0	0.00			
	Drinking Water	1000.	67	0	0.00	19	0	0.00	32	0	0.00	16	0	0.00			
34205 ACENAPHTHENE, TOTAL	Fresh Acute	1700.	43	0	0.00				35	0	0.00	8	0	0.00			
34210 ACROLEIN, TOTAL	Fresh Acute	68.	28	0	0.00	19	0	0.00	7	0	0.00	2	0	0.00			
34215 ACRYLONITRILE, TOTAL	Fresh Acute	7550.	28	0	0.00	19	0	0.00	7	0	0.00	2	0	0.00			
34301 CHLOROBENZENE, TOTAL	Drinking Water	100.	90	0	0.00	19	0	0.00	55	0	0.00	16	0	0.00			
34356 ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	53	0	0.00				38	0	0.00	15	0	0.00			
34361 ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	53	0	0.00				38	0	0.00	15	0	0.00			
34371 ETHYLBENZENE, TOTAL	Fresh Acute	32000.	76	0	0.00	22	0	0.00	37	0	0.00	17	0	0.00			
	Drinking Water	700.	76	0	0.00	22	0	0.00	37	0	0.00	17	0	0.00			
34376 FLUORANTHENE, TOTAL	Fresh Acute	3980.	43	0	0.00				35	0	0.00	8	0	0.00			
34386 HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	44	0	0.00				35	0	0.00	9	0	0.00			
	Drinking Water	50.	44	0	0.00				35	0	0.00	9	0	0.00			
34391 HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	43	0	0.00				35	0	0.00	8	0	0.00			
34396 HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	71	0	0.00	19	0	0.00	42	0	0.00	10	0	0.00			
34403 IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408 ISOPHORONE, TOTAL	Fresh Acute	117000.	43	0	0.00				35	0	0.00	8	0	0.00			
34423 METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	77	1	0.01	22	0	0.00	38	1	0.03	17	0	0.00			
34447 NITROBENZENE, TOTAL	Fresh Acute	27000.	43	0	0.00				35	0	0.00	8	0	0.00			
34452 PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	43	0	0.00				35	0	0.00	8	0	0.00			
34461 PHENANTHRENE, TOTAL	Fresh Acute	30.	43	0	0.00				35	0	0.00	8	0	0.00			
34475 TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	75	0	0.00	21	0	0.00	37	0	0.00	17	0	0.00			
	Drinking Water	5.	75	0	0.00	21	0	0.00	37	0	0.00	17	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire COSW Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34493 VINYL CHLORIDE, DISSOLVED	Drinking Water	2.	0 &	0	0.00												
34501 1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
34506 1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	76	0	0.00	21	0	0.00	38	0	0.00	17	0	0.00			
34511 1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
34531 1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	48	0	0.00	3	0	0.00	30	0	0.00	15	0	0.00			
	Drinking Water	5.	48	0	0.00	3	0	0.00	30	0	0.00	15	0	0.00			
34536 1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	87	0	0.00	23	0	0.00	44	0	0.00	20	0	0.00			
34541 1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
34546 TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
34551 1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	72	0	0.00	19	0	0.00	43	0	0.00	10	0	0.00			
34566 1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	86	0	0.00	22	0	0.00	44	0	0.00	20	0	0.00			
34571 1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	86	0	0.00	22	0	0.00	44	0	0.00	20	0	0.00			
34586 2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	43	0	0.00				35	0	0.00	8	0	0.00			
34601 2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	43	0	0.00				35	0	0.00	8	0	0.00			
34606 2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	43	0	0.00				35	0	0.00	8	0	0.00			
34611 2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	43	0	0.00				35	0	0.00	8	0	0.00			
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	77	0	0.00	38	0	0.00	22	0	0.00	17	0	0.00			
34694 PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	44	0	0.00				35	0	0.00	9	0	0.00			
34696 NAPHTHALENE, TOTAL	Fresh Acute	2300.	69	0	0.00	19	0	0.00	40	0	0.00	10	0	0.00			
38866 OXAMYL, DISSOLVED	Drinking Water	200.	36	0	0.00	18	0	0.00	7	0	0.00	11	0	0.00			
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	71	1	0.01	34	0	0.00	20	1	0.05	17	0	0.00			
39032 PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	43	0	0.00				35	0	0.00	8	0	0.00			
	Drinking Water	1.	0 &	0	0.00												
39100 BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	43	0	0.00				35	0	0.00	8	0	0.00			
	Drinking Water	6.	43	0	0.00				35	0	0.00	8	0	0.00			
39175 VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	78	0	0.00	22	0	0.00	39	0	0.00	17	0	0.00			
39180 TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	72	0	0.00	21	0	0.00	34	0	0.00	17	0	0.00			
	Drinking Water	5.	72	0	0.00	21	0	0.00	34	0	0.00	17	0	0.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	87	0	0.00	13	0	0.00	59	0	0.00	15	0	0.00			
39310 P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	87	0	0.00	13	0	0.00	59	0	0.00	15	0	0.00			
39320 P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	87	0	0.00	13	0	0.00	59	0	0.00	15	0	0.00			
39330 ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	89	0	0.00	16	0	0.00	59	0	0.00	14	0	0.00			
39340 GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	10	0	0.00	6	0	0.00	4	0	0.00						
	Drinking Water	0.2	10	0	0.00	6	0	0.00	4	0	0.00						
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	77	0	0.00	38	0	0.00	22	0	0.00	17	0	0.00			
	Drinking Water	0.2	77	0	0.00	38	0	0.00	22	0	0.00	17	0	0.00			
39350 CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	57	0	0.00				42	0	0.00	15	0	0.00			
	Drinking Water	2.	57	0	0.00				42	0	0.00	15	0	0.00			
39380 DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
39381 DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	76	0	0.00	37	0	0.00	22	0	0.00	17	0	0.00			
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
	Drinking Water	2.	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	78 &	0	0.00	16	0	0.00	47	0	0.00	15	0	0.00			
	Drinking Water	3.	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
39410 HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
	Drinking Water	0.4	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
39420 HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
	Drinking Water	0.2	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	60	0	0.00	10	0	0.00	35	0	0.00	15	0	0.00			
39540 PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	63	0	0.00	9	0	0.00	39	0	0.00	15	0	0.00			
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	76	0	0.00	38	0	0.00	22	0	0.00	16	0	0.00			
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	76	0	0.00	37	0	0.00	22	0	0.00	17	0	0.00			
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	52	0	0.00				37	0	0.00	15	0	0.00			
	Drinking Water	1.	15 &	0	0.00				2	0	0.00	13	0	0.00			
39702 HEXACHLOROBUTADIENE IN WHOLE WATER SAMP	Fresh Acute	90.	30	0	0.00	19	0	0.00	9	0	0.00	2	0	0.00			
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00				2	0	0.00						
39732 2,4-D IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	70.	35	0	0.00	17	0	0.00	6	0	0.00	12	0	0.00			
39760 SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00				2	0	0.00						
39762 SILVEX IN FILT. FRAC. OF WATER SAMPLE	Drinking Water	50.	37	0	0.00	18	0	0.00	7	0	0.00	12	0	0.00			
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			
	Drinking Water	0.2	90	0	0.00	16	0	0.00	59	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

## EPA Water Quality Criteria Analysis for Entire COSW Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-11/15-----			-----11/16-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	73	0	0.00	38	0	0.00	22	0	0.00	13	0	0.00		
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00	1	1	1.00								
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	22	0	0.00	4	0	0.00	6	0	0.00	12	0	0.00		
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	44	0	0.00	17	0	0.00	19	0	0.00	8	0	0.00		
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	1533	23	0.02	592	6	0.01	551	14	0.03	390	3	0.01		
		Drinking Water	2.	1533	38	0.02	592	10	0.02	551	18	0.03	390	10	0.03		
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	20	0	0.00	14	0	0.00	4	0	0.00	2	0	0.00		
77128	STYRENE, WHOLE WATER	Drinking Water	100.	28	0	0.00	19	0	0.00	8	0	0.00	1	0	0.00		
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00											
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	44	0	0.00				35	0	0.00	9	0	0.00		
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	208	23	0.11	80	5	0.06	76	13	0.17	52	5	0.10		
82625	DIBROMOCHLOROPROPANE, WATER, TOTAL RECOV	Drinking Water	0.2	1 &	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

**NPS Servicewide Inventory and Monitoring Program Level I  
Water Quality Parameter Inventory Data Evaluation and Analysis:  
Missing Level I Groups**

There are STORET Data for Every Level I I&M Parameter Group Within  
the COSW Study Area

**NPS Servicewide Inventory and Monitoring Program Level I**

**Water Quality Parameter Inventory Data Evaluation and Analysis:**

**Present Level I Groups**

STORET Data Within the COSW Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CaCO <sub>3</sub> )	3563	1888	1136	539	51
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	9	1	4	4	6
00440	BICARBONATE ION (MG/L AS HCO <sub>3</sub> )	53	0	6	47	4
00445	CARBONATE ION (MG/L AS CO <sub>3</sub> )	31	0	6	25	3
		3656	1889	1152	615	64 (52) <sup>1</sup>
pH		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	4448	2719	1344	385	98
00403	PH, LAB (STANDARD UNITS)	3232	1627	1089	516	50
00406	PH, FIELD (STANDARD UNITS)	1210	1210	0	0	18
		8890	5556	2433	901	166(116) <sup>1</sup>
Conductivity		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1355	1226	129	0	9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	340	130	11	199	36
		1695	1356	140	199	45 (45) <sup>1</sup>
Dissolved Oxygen		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	8945	8945	0	0	18
00300	OXYGEN, DISSOLVED (MG/L)	4949	2899	1404	646	99
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	269	0	0	269	15
		14163	11844	1404	915	132(117) <sup>1</sup>
Water Temperature		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	13958	11871	1399	688	118
		13958	11871	1399	688	118(118) <sup>1</sup>
Flow		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	156	0	0	156	8
00061	FLOW, STREAM, INSTANTANEOUS CFS	2335	1602	609	124	61
00065	STAGE, STREAM (FEET)	99	91	8	0	8
		2590	1693	617	280	77 (64) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.



Clarity/Turbidity		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	173	0	6	167	16
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	201	1	0	200	16
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	3736	2445	1190	101	41
00077	TRANSPARENCY, SECCHI DISC (INCHES)	83	54	29	0	6
00078	TRANSPARENCY, SECCHI DISC (METERS)	425	418	7	0	7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2255	1960	294	1	38
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	208	208	0	0	2
		7081	5086	1526	469	126 (51) <sup>1</sup>
Nitrate/Nitrogen		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	46	0	7	39	10
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	7	0	7	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	944	944	0	0	34
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2663	1875	769	19	62
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	837	837	0	0	13
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	58	1	0	57	15
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	117	107	10	0	21
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	2714	1980	711	23	84
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3987	2486	1169	332	65
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	945	944	0	1	35
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	25	0	0	25	12
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	22	0	0	22	2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	44	0	0	44	3
		12409	9174	2673	562	357(102) <sup>1</sup>
Phosphate/Phosphorus		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	46	0	0	46	8
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1237	837	36	364	30
00665	PHOSPHORUS, TOTAL (MG/L AS P)	3507	2600	863	44	86
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	517	507	10	0	34
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	239	224	0	15	32
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	950	527	423	0	44
		6496	4695	1332	469	234(104) <sup>1</sup>
Chlorophyll		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	1233	1215	18	0	25
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	205	205	0	0	2
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	205	205	0	0	2
		1643	1625	18	0	29 (29) <sup>1</sup>
Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	826	646	108	72	35
00945	SULFATE, TOTAL (MG/L AS SO4)	191	133	11	47	29
00946	SULFATE, DISSOLVED (MG/L AS SO4)	116	116	0	0	9
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	279	222	11	46	32
		1412	1117	130	165	105 (63) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	93	1	10	82	18
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	29	21	0	8	2
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	21	9	12	0	1
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	231	52	12	167	25
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	3976	2240	1166	570	49
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	60	50	10	0	20
31649	ENTEROCOCCI- ME-MF	17	17	0	0	16
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	303	261	42	0	27
		4730	2651	1252	827	158 (68) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	9	0	4	5	6
01001	ARSENIC, SUSPENDED (UG/L AS AS)	3	0	3	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	17	1	16	0	4
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2	2	0	0	2
01012	BERYLLIUM, TOTAL (UG/L AS BE)	14	14	0	0	2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	484	283	124	77	20
01026	CADMIUM, SUSPENDED (UG/L AS CD)	4	0	4	0	1
01027	CADMIUM, TOTAL (UG/L AS CD)	1855	1545	310	0	37
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	476	282	123	71	18
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	4	0	4	0	1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	1	0	0	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	1811	1500	310	1	38
01040	COPPER, DISSOLVED (UG/L AS CU)	556	283	130	143	21
01041	COPPER, SUSPENDED (UG/L AS CU)	4	0	4	0	1
01042	COPPER, TOTAL (UG/L AS CU)	1897	1569	328	0	37
01049	LEAD, DISSOLVED (UG/L AS PB)	562	283	130	149	21
01050	LEAD, SUSPENDED (UG/L AS PB)	4	0	4	0	1
01051	LEAD, TOTAL (UG/L AS PB)	1933	1570	363	0	37
71890	MERCURY, DISSOLVED (UG/L AS HG)	4	0	4	0	1
71895	MERCURY, SUSPENDED (UG/L AS HG)	4	0	4	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	1741	1156	421	164	45
01065	NICKEL, DISSOLVED (UG/L AS NI)	417	282	129	6	17
01067	NICKEL, TOTAL (UG/L AS NI)	1812	1536	276	0	34
01145	SELENIUM, DISSOLVED (UG/L AS SE)	4	0	4	0	1
01146	SELENIUM, SUSPENDED (UG/L AS SE)	4	0	4	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	4	0	4	0	1
01075	SILVER, DISSOLVED (UG/L AS AG)	4	0	4	0	1
01076	SILVER, SUSPENDED (UG/L AS AG)	4	0	4	0	1
01077	SILVER, TOTAL (UG/L AS AG)	5	1	4	0	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	394	283	106	5	12
01091	ZINC, SUSPENDED (UG/L ZN)	4	0	4	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	1859	1549	310	0	37
00720	CYANIDE, TOTAL (MG/L AS CN)	1	0	1	0	1
34210	ACROLEIN, TOTAL (UG/L)	28	28	0	0	16
34215	ACRYLONITRILE, TOTAL (UG/L)	28	28	0	0	16
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	78	78	0	0	24
32104	BROMOFORM, WHOLE WATER, (UG/L)	78	78	0	0	24
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	78	78	0	0	24
34301	CHLOROBENZENE, TOTAL (UG/L)	96	96	0	0	24
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	78	78	0	0	24
34311	CHLOROETHANE, TOTAL (UG/L)	78	78	0	0	24
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	48	48	0	0	8
32106	CHLOROFORM, WHOLE WATER (UG/L)	78	78	0	0	24
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	78	78	0	0	24
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	77	77	0	0	24
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	30	30	0	0	16
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	48	48	0	0	8
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	78	78	0	0	24
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78	78	0	0	24
34371	ETHYLBENZENE, TOTAL (UG/L)	78	78	0	0	24
34413	METHYL BROMIDE, TOTAL (UG/L)	77	77	0	0	24
34418	METHYL CHLORIDE, TOTAL (UG/L)	77	77	0	0	24
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	78	78	0	0	24
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	77	77	0	0	24
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	78	78	0	0	24

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	78	78	0	0	24
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	78	78	0	0	24
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	78	78	0	0	24
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	78	78	0	0	24
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	78	78	0	0	24
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	1	1	0	0	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	78	78	0	0	24
34586	2-CHLOROPHENOL, TOTAL (UG/L)	43	43	0	0	5
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	43	43	0	0	5
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	43	43	0	0	5
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	43	43	0	0	5
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	13	13	0	0	5
34591	2-NITROPHENOL, TOTAL (UG/L)	43	43	0	0	5
34646	4-NITROPHENOL, TOTAL (UG/L)	43	43	0	0	5
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	43	43	0	0	5
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	43	43	0	0	5
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	44	44	0	0	5
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	44	44	0	0	5
34205	ACENAPHTHENE, TOTAL (UG/L)	43	43	0	0	5
34200	ACENAPHTHYLENE, TOTAL (UG/L)	43	43	0	0	5
34220	ANTHRACENE, TOTAL (UG/L)	43	43	0	0	5
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	14	14	0	0	5
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	43	43	0	0	5
34247	BENZO-A-PYRENE, TOTAL (UG/L)	43	43	0	0	5
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	43	43	0	0	5
34521	BENZO(GH)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	43	43	0	0	5
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	43	43	0	0	5
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	43	43	0	0	5
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	43	43	0	0	5
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	43	43	0	0	5
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	43	43	0	0	5
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	43	43	0	0	5
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	43	43	0	0	5
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	43	43	0	0	5
34320	CHRYSENE, TOTAL (UG/L)	42	42	0	0	5
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	43	43	0	0	5
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	87	87	0	0	25
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	86	86	0	0	24
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	86	86	0	0	24
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	43	43	0	0	5
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	43	43	0	0	5
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	43	43	0	0	5
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	43	43	0	0	5
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	43	43	0	0	5
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	43	43	0	0	5
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	42	42	0	0	5
34376	FLUORANTHENE, TOTAL (UG/L)	43	43	0	0	5
34381	FLUORENE, TOTAL (UG/L)	43	43	0	0	5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	52	52	0	0	6
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	43	43	0	0	5
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	30	30	0	0	16
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	44	44	0	0	5
34396	HEXACHLOROETHANE, TOTAL (UG/L)	71	71	0	0	21
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	43	43	0	0	5
34408	ISOPHORONE, TOTAL (UG/L)	43	43	0	0	5

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/19/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34696	NAPHTHALENE, TOTAL (UG/L)	73	73	0	0	21
34447	NITROBENZENE, TOTAL (UG/L)	43	43	0	0	5
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	44	44	0	0	5
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	43	43	0	0	5
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	44	44	0	0	5
34461	PHENANTHRENE, TOTAL (UG/L)	43	43	0	0	5
34469	PYRENE, TOTAL (UG/L)	43	43	0	0	5
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	72	72	0	0	21
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	77	77	0	0	21
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	79	62	17	0	6
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	87	63	24	0	8
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	10	0	10	0	4
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	77	77	0	0	21
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	18	18	0	0	6
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57	57	0	0	6
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9
34653	P,P'-DDE, DISSOLVED (UG/L)	77	77	0	0	21
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	87	63	24	0	9
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76	76	0	0	20
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	53	53	0	0	6
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	53	53	0	0	6
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	53	53	0	0	6
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53	53	0	0	6
34671	PCB - 1016, TOTAL (UG/L)	53	53	0	0	6
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	90	63	27	0	9
		22432	18363	3448	621	1683 (73) <sup>1</sup>

<sup>1</sup>Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

**NPS Servicewide Inventory and Monitoring Program Level I**

**Water Quality Parameter Inventory Data Evaluation and Analysis:**

**Park Summary: Level I Group Currentness and Distribution**

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	3656	1889	51.7	52	31.3	70.3	05/12/54-07/23/97	84.6
pH	8890	5556	62.5	116	69.9	76.6	05/12/54-06/26/97	206.1
Conductivity	1695	1356	80.0	45	27.1	37.7	05/12/54-03/10/97	39.6
Dissolved Oxygen	14163	11844	83.6	117	70.5	121.1	08/09/60-06/26/97	384.0
Water Temperature	13958	11871	85.0	118	71.1	118.3	10/28/59-06/26/97	370.6
Flow	2590	1693	65.4	64	38.6	40.5	03/26/56-03/10/97	63.2
Clarity/Turbidity	7081	5086	71.8	51	30.7	138.8	07/15/63-07/23/97	208.1
Nitrate/Nitrogen	12409	9174	73.9	102	61.4	121.7	05/12/54-07/23/97	287.2
Phosphate/Phosphorus	6496	4695	72.3	104	62.7	62.5	10/28/59-07/23/97	172.1
Chlorophyll	1643	1625	98.9	29	17.5	56.7	08/26/81-03/11/97	105.7
Sulfates/Total Dissolved Solids/Hardness	1412	1117	79.1	63	38.0	22.4	05/12/54-03/10/97	33.0
Bacteria	4730	2651	56.0	68	41.0	69.6	08/09/60-08/19/97	127.7
Toxic Elements	22432	18363	81.9	73	44.0	307.3	10/21/70-06/26/97	840.7

**Water Quality Observations**  
**Outside STORET Edit Criteria for COSW**  
**(Disposition: X = Discarded, Blank = Retained)**

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
COSW0037	01025	CADMIUM, DISSOLVED (UG/L AS CD)	731228		952.0000000	21SC60WQ	C-007	
COSW0123	71900	MERCURY, TOTAL (UG/L AS HG)	740716		25.0000000	21SC60WQ	C-022	
COSW0124	71900	MERCURY, TOTAL (UG/L AS HG)	720204		70.0000000	21SC60WQ	C-020	
COSW0149	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	741129		244.0000000	21SC60WQ	C-052	
COSW0154	00300	OXYGEN, DISSOLVED MG/L	960822	0830	55.0000000	112WRD	02169570	
COSW0158	71900	MERCURY, TOTAL (UG/L AS HG)	720204		70.0000000	21SC60WQ	C-017	
COSW0166	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	861121	1045	123.0000000	21SC60WQ	CSB-001L	





## **APPENDICES**



**Appendix A**  
**Computer Files Transmitted With**  
**Park Baseline Water Quality Data Inventory and Analysis**

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where *COMPRESS.ZIP* is the name of one of the seven compressed (ZIP) files listed below and *FILENAME.EXT* is the name of the file you wish to extract. If you want to decompress all of the files in *COMPRESS.ZIP*, simply omit the *FILENAME.EXT*. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where *COMPRESS.ZIP* is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for *FILENAME.EXT* in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1)     COSWTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

- (a) COSWSITE.DOC     -     Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.
- (b) COSWAGNC.DOC     -     Contacts for agencies whose data were retrieved within the study area.
- (c) COSWAGNQ.DOC     -     Number of stations, observations, and parameters retrieved by agency code within the study area and park.

- (d) COSWOV0.DOC - Overview of park and retrieved data.
- (e) COSWOV1.DOC - Station period of record table.
- (f) COSWOV2.DOC - Parameter period of record table.
- (g) COSWOV3.DOC - Station/parameter period of record table.
- (h) COSWINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.
- (i) COSWSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.
- (j) COSWEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.
- (k) COSWIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.
- (l) COSWBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document COSWOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\COSWOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

## (2) COSWFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station COSW0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station COSW0001) is in the subdirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) COSWPARAM.ZIP

This file compresses COSWPARAM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) COSWSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

- (a) COSWWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.
- (b) COSWIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.
- (c) COSWDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.
- (d) COSWGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.
- (e) COSWDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) COSWMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

- (a) COSWEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.
- (b) COSWTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.
- (c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.
- (d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.
- (e) COSWREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.
- (f) COSWWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (COSWWQA, COSWWQB,

COSWWQC, etc.) and the index map name will end with an ampersand (&).

- (g) COSWIDG
  - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (COSWIDGA, COSWIDGB, COSWIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.
- (h) COSWSEHY
  - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with COSWFIGS.ZIP and COSWTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in COSWMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) COSWRF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

- (a) 12345678.RF3
  - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (b) 12345678.DBF
  - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (c) 12345678.TRC
  - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.
- (d) 12345678.CUB
  - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) COSWWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable “Print Text as Graphics” or “Print True Type Font as Graphics” in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn’t have as many “bells-and-whistles” as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren’t included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).





## Appendix B

### Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

<b>Parameter Data File: COSWPARM.DBF in COSWPARM.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: COSWPARM.DBF in COSWPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				\$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

<b>Parameter Data File: COSWPARM.DBF in COSWPARM.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				\$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Quality Station Data File: COSWWQ.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

<b>Water Quality Station Data File: COSWWQ.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Industrial Facilities Discharges File: COSWIFD.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

<b>Industrial Facilities Discharges File: COSWIFD.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

<b>Industrial Facilities Discharges File: COSWIFD.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code



The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b><u>Drinking Water Intakes File: COSWDRIN.DBF in COSWSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

<b><u>Drinking Water Intakes File: COSWDRIN.DBF in COSWSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

<b><u>Drinking Water Intakes File: COSWDRIN.DBF in COSWSITE.ZIP</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Gage File: COSWGAGE.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

<b>Water Gage File: COSWGAGE.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFE	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<b>Water Impoundment File: COSWDAMS.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

<b>Water Impoundment File: COSWDAMS.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

<b>Water Impoundment File: COSWDAMS.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City



<b>Water Impoundment File: COSWDAMS.DBF in COSWSITE.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in COSWRF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in COSWRF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in COSWRF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

<b>RF3 Structure File: 12345678.RF3 and 12345678.DBF in COSWRF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCDC2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCDC3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

**Note:** The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

<b>RF3 Trace File: 12345678.TRC in COSWRF3.ZIP</b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

<b><u>Catalog Unit Boundary File: 12345678.CUB in COSWRF3.ZIP</u></b>
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

<b><u>Encyclopedia File: WRD File For Internal Use Only</u></b>				
<b>Field Name</b>	<b>Start</b>	<b>Stop</b>	<b>Length</b>	<b>Field Description</b>
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value



## Appendix C

### STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CaCO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CaCO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS Ca)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CaCO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI, PLATE COUNT M-ENTER AGAR, 35C, 48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0





## Appendix D

### STORET Administrative Parameters

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

<b>STORET Code</b>	<b>Description of STORET Administrative Parameters</b>
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C, DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE, RECREATIONAL SUITABILITY @ SMPL TIME, 1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

## Appendix E

### STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE



<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY, ACUTE 24HR (STATIC) CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT ERROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVL P
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970



<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

<b>STORET Code</b>	<b>Description of STORET Parameters Not Suitable for Statistical Analysis</b>
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

## Appendix F

### National EPA Water Quality Criteria Summary<sup>1</sup>

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50 <sup>1</sup>	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50 <sup>1</sup>	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250 <sup>5</sup>			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0 <sup>a</sup>	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0 <sup>a</sup>	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0 <sup>#</sup>	PH	SU	Physical
	00403				≤6.5, ≥9.0 <sup>#</sup>	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0 <sup>#</sup>	PH, FIELD	SU	Physical

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<sup>1</sup>Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200 <sup>m</sup>	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250 <sup>s</sup>			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250 <sup>s</sup>			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250 <sup>s</sup>			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250 <sup>s</sup>			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDEED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDEED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDEED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130 <sup>+</sup>	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9 <sup>+</sup>	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9 <sup>+</sup>	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9 <sup>+</sup>	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700 <sup>+</sup>	100	10300 <sup>+</sup>		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400 <sup>+</sup>	2.0	2130 <sup>+</sup>		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400 <sup>+</sup>	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400 <sup>+</sup>	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400 <sup>+</sup>	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400 <sup>+</sup>	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018 <sup>+</sup>	1.3 <sup>a</sup>	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9 <sup>+</sup>	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400 <sup>*</sup>	2.0	2130 <sup>*</sup>		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400 <sup>*</sup>	2.0	2130 <sup>*</sup>		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88 <sup>p</sup>	6.0	1500 <sup>p</sup>		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120 <sup>+</sup>	5.0 <sup>s</sup>	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041 <sup>+</sup>	0.1 <sup>s</sup>	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018 <sup>+</sup>	1.3 <sup>a</sup>	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13 <sup>*</sup>	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039 <sup>+</sup>	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7 <sup>+</sup>	0.1	10.3 <sup>*</sup>		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082 <sup>+</sup>	0.015 <sup>a</sup>	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4 <sup>+</sup>	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4 <sup>+</sup>	0.002	2.13 <sup>+</sup>		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020 <sup>c</sup>			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20 <sup>r</sup>			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000 <sup>r</sup>			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000 <sup>r</sup>			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000 <sup>r</sup>			TRITIUM, SUSPENDE	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDE	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0 <sup>r</sup>			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0 <sup>r</sup>			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0 <sup>r</sup>			STRONTIUM 90, SUSPENDE	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT, DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20°			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20°			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20°			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020°			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20°			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0 <sup>n</sup>		1000 <sup>b</sup>	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200 <sup>^</sup>	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200 <sup>^</sup>	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200 <sup>^</sup>	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200 <sup>^</sup>	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200 <sup>^</sup>	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200 <sup>^</sup>	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126 <sup>^</sup>	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33 <sup>^</sup>	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100 <sup>l</sup>			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100 <sup>l</sup>			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100 <sup>l</sup>			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100 <sup>l</sup>			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100 <sup>l</sup>			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100 <sup>l</sup>			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1 <sup>l</sup>			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100 <sup>i</sup>			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100 <sup>i</sup>			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100 <sup>i</sup>			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100 <sup>i</sup>			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100 <sup>i</sup>			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900*	100 <sup>i</sup>			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900*	100 <sup>i</sup>			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100 <sup>i</sup>			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100 <sup>i</sup>			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270*				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270*				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270*				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0 <sup>p</sup>	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0 <sup>p</sup>	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40°			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40°			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40°			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30 <sup>p</sup>		7.7 <sup>p</sup>		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0 <sup>P</sup>	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0 <sup>P</sup>	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90 <sup>*</sup>		32 <sup>*</sup>		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9 <sup>+</sup>	5.0	43		CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3, LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWN AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200 <sup>^</sup>	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250 <sup>s</sup>			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen



C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY, TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9 <sup>+</sup>	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700 <sup>*</sup>		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100 <sup>p</sup>		240 <sup>p</sup>		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440 <sup>*</sup>		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250 <sup>s</sup>			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20 <sup>c</sup>			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400 <sup>+</sup>	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000 <sup>*</sup>				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9 <sup>+</sup>	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50 <sup>l</sup>	TURBIDITY, FIELD	NTU	Physical
	82079				50 <sup>l</sup>	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000 <sup>s</sup>			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9 <sup>+</sup>	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18 <sup>+</sup>	1300 <sup>a</sup>	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82 <sup>+</sup>	15 <sup>a</sup>	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400 <sup>+</sup>	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1 <sup>+</sup>	100 <sup>s</sup>	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120 <sup>+</sup>	5000 <sup>s</sup>	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

**Footnote Key:**

\*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L CaCO<sub>3</sub> Used).

\*\*\*pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is  $\leq 6.5$ ,  $\geq 8.5$ .

!Arizona state standard.

<sup>a</sup>EPA action level, 40 CFR 141.80.

<sup>b</sup>California and Florida state bathing water standards.

<sup>c</sup>A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

<sup>n</sup>Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

<sup>p</sup>Proposed Criterion.

<sup>r</sup>Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

<sup>s</sup>EPA National Secondary Drinking Water Regulation, 40 CFR 143.

<sup>t</sup>The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

<sup>u</sup>Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.



## Appendix G

### Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

<b>STORET Code</b>	<b>Water Temperature Parameter Group</b>	<b>C.A.S. Number</b>
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
<b>STORET Code</b>	<b>Flow Parameter Group<sup>1</sup></b>	<b>C.A.S. Number</b>
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

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<sup>1</sup>Tide stage is included in the Flow Parameter Group for coastal parks.

<b>STORET Code</b>	<b>Clarity/Turbidity Parameter Group</b>	<b>C.A.S. Number</b>
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
<b>STORET Code</b>	<b>Conductivity Parameter Group</b>	<b>C.A.S. Number</b>
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
<b>STORET Code</b>	<b>Dissolved Oxygen Parameter Group</b>	<b>C.A.S. Number</b>
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
<b>STORET Code</b>	<b>pH Parameter Group</b>	<b>C.A.S. Number</b>
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-



STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS ( $\mu$ EQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS $\text{CaCO}_3$ )	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS $\text{CaCO}_3$ )	471341
00435	ACIDITY, TOTAL (MG/L AS $\text{CaCO}_3$ )	471341
00440	BICARBONATE ION (MG/L AS $\text{HCO}_3$ )	71523
00445	CARBONATE ION (MG/L AS $\text{CO}_3$ )	3812326
STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONIZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS $\text{NH}_4$ )	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS $\text{NH}_4$ )	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS $\text{NO}_3$ )	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS $\text{NO}_3$ )	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS $\text{NO}_2$ )	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS $\text{NO}_2$ )	14797650

<b>STORET Code</b>	<b>Phosphate/Phosphorus Parameter Group</b>	<b>C.A.S. Number</b>
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140
<b>STORET Code</b>	<b>Sulfates/Total Dissolved Solids/Hardness Parameter Group</b>	<b>C.A.S. Number</b>
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-
<b>STORET Code</b>	<b>Chlorophyll Parameter Group</b>	<b>C.A.S. Number</b>
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

<b>STORET Code</b>	<b>Bacteria Parameter Group</b>	<b>C.A.S. Number</b>
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-
<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)</b>	<b>C.A.S. Number</b>
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM, TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYL VINYL ETHER, WATER, WHL, RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875



STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553



STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROQUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

<b>STORET Code</b>	<b>Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-</b>	<b>C.A.S. Number</b>
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976





## **Appendix H**

### **Literature Cited**

Code of Federal Regulations. 1994. Protection of Environment. 40 CFR Parts 100 to 149. Revised as of July 1, 1994. Published by the Office of the Federal Register, National Archives and Records Administration. U.S. Government Printing Office, Washington, D.C. 20402.

Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.

GKY and Associates. 1990. Dam Inventory Database and Retrieval Software: Final Report. U.S. Environmental Protection Agency, Water Quality Analysis Branch. Under Contract #68-03-3339.

Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.

National Park Service. 1993. Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service. National Park Service, Washington Office, Servicewide Inventory and Monitoring Program, Washington, D.C. Unpublished. 17p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. STORET User Handbook. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460.

U.S. Environmental Protection Agency. 1992. Office of Water Environmental and Program Information Systems Compendium. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 152p.

U.S. Environmental Protection Agency. 1993. Technical Description of the Reach File. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 23p.

U.S. Geological Survey. 1982. A U.S. Geological Survey Data Standard: Codes for the Identification of Hydrologic Units in the United States and Caribbean Outlying Areas. Geological Survey Circular 878-A. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 115p.

U.S. Geological Survey 1992. Hydro-Climatic Data Network: A U.S. Geological Survey Streamflow Data Set for the United States for the Study of Climate Variations 1874-1988. Open File Report 92-129/USGS Water Supply Paper No. 2406. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 193p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.



## **Appendix I**

### **Selected General Water Quality References**

- American Public Health Association. 1989. Standard Methods for the Examination of Water and Wastewater (17th ed.). Washington, D.C. 1476p.
- Drever, J. I. 1982. The Geochemistry of Natural Waters. Prentice-Hall, Inc., Englewood Cliffs, NJ. 388p.
- Dunne, T. and L. B. Leopold. 1978. Water in Environmental Planning. W.H. Freeman and Company, San Francisco, CA. 818p.
- Everett, L. G. 1980. Groundwater Monitoring. General Electric Co., Schenectady, NY. 440p.
- Fetter, C. W. 1988. Applied Hydrogeology (2nd ed.). MacMillan Publishing Co., New York, NY. 592p.
- Flora, M. D., T. E. Ricketts, J. Wilson, and S. Kunkle. 1984. Water Quality Criteria: An Overview for Park Natural Resource Specialists. WRFSL Report No. 84-4. National Park Service, Water Resources Field Support Laboratory, Fort Collins, CO. 46p.
- Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.
- Hem, J. D. 1985. Study and Interpretation of the Chemical Characteristics of Natural Water (3rd ed.). U.S. Geological Survey Water-Supply Paper 2254. U.S. Government Printing Office, Washington, D.C. 263p.
- Kunkle, S., W. S. Johnson, and M. Flora. 1987. Monitoring Stream Water Quality for Land-Use Impacts: A Training Manual for Natural Resource Management Specialists. Water Resources Division, National Park Service, Fort Collins, CO. 102p.
- Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.
- Merritt, R. W., and K. W. Cummins (eds.). 1984. An Introduction to the Aquatic Insects of North America (2nd ed.). Kendall/Hunt Publishing Co., Dubuque, IA. 44p.
- Morel, F. M. 1983. Principles of Aquatic Chemistry. John Wiley & Sons, Inc., New York, NY. 446p.
- Nielsen, D. M. (ed.). 1991. Practical Handbook of Ground-Water Monitoring. Lewis Publishers, Inc. Chelsea, MI. 717p.
- Ponce, S. L. 1980a. Statistical Methods Commonly Used in Water Quality Data Analysis. WSDG Technical Paper WSDG-TP-00001. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 136p.
- Ponce, S. L. 1980b. Water Quality Monitoring Programs. WSDG Technical Paper WSDG-TP-00002. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 68p.
- Rand, G. M. and S. R. Petrocelli (eds.). 1985. Fundamentals of Aquatic Toxicology. Hemisphere Publishing Co., New York, NY. 666p.

Rantz, S. E. and others. 1982. Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge. Volume 2. Computation of Discharge. U.S. Department of the Interior, Geological Survey Water Supply Paper 2175. 631p.

Stednick, J.D. and D. M. Gilbert. 1998. Water Quality Inventory Protocol: Riverine Environments. National Park Service, Water Resources Division Technical Report NPS/NRWRD/NRTR-98/177. Fort Collins, CO. 103p.

Stednick, J. D. 1991. Wildland Water Quality Sampling and Analysis. Academic Press, Inc., San Diego, CA. 217p.

United Nations Educational, Scientific and Cultural Organization (UNESCO). 1978. Water Quality Surveys: A Guide for the Collection and Interpretation of Water Quality Data. IHD-WHO Working Group on the Quality of Water, Paris, France. 350p.

U.S. Department of the Interior. 1977. National Handbook of Recommended Methods for Water-Data Acquisition. U.S. Geological Survey, Office of Water-Data Coordination, Reston, VA. 990p.

U.S. Environmental Protection Agency. 1978. Microbiological Methods for Monitoring the Environment: Water and Wastes. R. H. Border, J. A. Winter, and P. W. Scarpino. EPA-600/8-78-017. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 338p.

U.S. Environmental Protection Agency. 1979b. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020. (Revised March 1983). Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 460p.

U.S. Environmental Protection Agency. 1983. Water Quality Standards Handbook. Office of Water Regulations and Standards, Washington, D.C. 218p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. J. L. Plafkin, M. T. Barbour, K. D. Porter, S. K. Gross, and R. M. Hughes. EPA-444/4-89-001. Office of Water Regulations and Standards, Assessment and Watershed Protection Division, Washington, D.C. 162p.

U.S. Environmental Protection Agency. 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. D. J. Klemm, P. A. Lewis, F. Fulk, and J. M. Lazorchak. EPA-600/4-90-030. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 256p.

U.S. Environmental Protection Agency. 1991a. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (4th ed.). C. I. Weber, ed. EPA-600/4-90-027. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 293p.

U.S. Environmental Protection Agency. 1991b. Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska. L. H. MacDonald, A. W. Smart, and R. C. Wissmar. EPA-910/9-91-001. Region 10, Seattle, WA. 162p.

U.S. Environmental Protection Agency. 1993. Guide to Federal Water Quality Programs and Information. T. Stuart and N. P. Ross. EPA-230-B-93-001. Office of Strategic Planning and Environmental Data, Environmental Statistics and Information Division. Washington, D.C. 194p.

Verschuere, K. 1983. Handbook of Environmental Data on Organic Chemicals (2nd ed.). Van Nostrand Reinhold Co., New York, NY. 1310p.

Viessman W. and M. J. Hammer. 1985. Water Supply and Pollution Control (4th ed.). Harper and Row, Publishers, Inc. New York, NY. 797p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Wetzel, R. G. 1983. Limnology (2nd ed.). Sanders College Publishing, Philadelphia, PA. 767p.





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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.